

Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas - Also Maryland, New Jersey and Delaware

VOL. 24 No. 7

Lancaster Farming, Saturday, December 16, 1978

\$6.00 Per Year

Penna. fertilizer dealers knowledge quality concerns

DIETER KRIEG
AR — Pennsylvania's
er manufacturers
ong the highest in
on for product in-
but they aren't by
ans resting on their
To the contrary,
striving to meet
on standards set by
nsylvania Depart-
Agriculture. That
ient here this week
PennAg Industries
ion, an organization
400 Pennsylvania

agribusinesses, sponsored a
Fertilizer Quality Workshop.
It was arranged through the
cooperation of The Fertilizer
Institute (TFI), the Tennes-
see Valley Authority (TVA) and
the Pennsylvania Department of
Agriculture. The affair was at-
tended by some 40 persons, in-
cluding guests. Among the group
were employees of the Feed,
Fertilizer and Lime Control
Division, Pennsylvania
Department of Agriculture.
They demonstrated proper

fertilizer sampling
procedures.

The workshop on Wed-
nesday was held because the
industry in Pennsylvania, as
well as throughout the
nation, recognizes that a
three-pronged problem
exists in the formulation of
dry blend fertilizer products.
The root of the problem is
the segregation of fertilizer
ingredients. That may lead
to less than satisfactory

(Turn to Page 32)

TB testing resumed

RISBURG - Out-
of cattle tuberculosis
sylvania during June
November 1978 have
awareness of this
disease among the
dairy farmers.

Agriculture
y Kent Shelhamer
ounced that an area
ulosis testing
for Pennsylvania
herds will begin im-

mediately. He said, "The
purpose of the area tests is to
protect the consumers of
milk and dairy products, and
to protect the dairy and
livestock industry through a
better surveillance
program."

Under the testing
program, a tuberculosis test
will be authorized for dairy
herd owners and their
veterinarians for all herds

that have not been tested for
tuberculosis within three
years. (Farmers will be
notified by mail that their
veterinarian may conduct a
tuberculosis test on their
herd at state expense). Costs
of the testing program will
be covered by the
Agriculture Department.

Shelhamer noted that the
limited funds available to
(Turn to Page 17)

laughter steers up slightly

ENDACE BORRY
Z — Prices of
er steers continued
50 to 75 cents higher
Lancaster County
according to reports
the USDA Market
service.

Monday, at the Lan-
Stockyards, as
in the Lancaster
ck Market, com-
to the previous

Wednesday, slaughter steers
were reported 50 to 75 cents
higher.

Choice, yield grade 2-4,
1000 to 1450 lb. were quoted
at 55.75 to 57.60; with a few
head of Choice, yield grade
2, and Prime, yield grade 3
to 4, bringing 57.50-58.00.
High good and low choice,
yield grade 2 to 3 brought
53.75 to 56.25; and good, yield
grade 2 to 3, including

several Holsteins were 50.75
to 54.00; with standard, yield
grade 1 to 2, bringing 48.75 to
50.75.

On Tuesday, at the Vin-
tage Sales Stables, slaughter
steers were fully steady
compared to the week
before.

There were a few high
Choice and Prime, yield
grade 3 to 4, 1175 to 1400
(Turn to Page 18)

Moyer leads Berks DHIA

DIETER KRIEG
TRIPOLI — When
oyer started in the
business eight years
e had a goal of
ing a herd average of
pounds of milk per
e wound up with a
ng 17,000 pound
e and production has
creasing ever since.
year the official
average on 36.2

registered Holsteins reads
19,958 pounds of milk and 750
pounds of butterfat per cow
per year. It gave the herd a
number one ranking in
butterfat for herds which are
tested in Berks County.

Junge Farms, which has
been managed by Moyer
ever since the dairy was
started in 1970, has been at
or near the top of the
production statistics for

several years. Located near
New Tripoli, Lehigh County,
the herd fell under the
authority of the Berks
County tester when a
shortage of DHIA super-
visors developed in the area.

Junge's herd of Holsteins
was on top in Lehigh County
when the testing program
was still within that county.
Two years ago Moyer took
(Turn to Page 19)

Summit termed 'historic first'

LEGE STATION,
"I view this as an
moment when at
the major segments
agriculture have
together to address
ns that are common

these words, Dale
cks, a dairy farmer
Bloomfield, Iowa,
ed the first National
Summit here at Texas
University. Hendricks,

who served as chairman of
the Conference, is im-
mediate past chairman of
the Agriculture Council of
America which co-sponsored
the conference with Texas
A&M.

More than 800 represen-
tatives of all segments of
U.S. agriculture attended
the three-day gathering
which featured task force
presentations and findings
that were developed by top

agricultural leaders during
the past six months.

Featured speakers in-
cluded U.S. Senator Bob
Dole (R-Kan.), former
Texas Governor John
Connally, and Lynn Daft, a
top advisor to President
Carter.

Among major recom-
mendations made at the
Summit was a proposal for
(Turn to Page 17)



Luke Bruckhart of the Feed, Fertilizer, and Lime Control Division of the Pennsylvania Department of Agriculture prepares a sample of fertilizer for analysis. Various methods of taking fertilizer samples were demonstrated at a fertilizer quality workshop this week. It was emphasized that proper equipment and proper procedures must be observed if a good representation is expected.

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Mr. and Mrs. Ray Moyer and nephew Jay Garis combined their skills to achieve a 700-pound butterfat average on 36.2 Holstein cows on official test at Junge Farms, New Tripoli.

Livestock market and auction news

Lancaster Market

Lancaster, Pa.
Monday, Dec. 11, 1978
Cattle Calves Hogs Sheep

Today 793 114 1120 104
Last Monday 820 166 1015 52
Last Year 954 178 807 40
Monday's Auction 530 116 1158 101
Last Monday's Auction 544 136 1013 58

CATTLE: Compared to last Wednesday slaughter steers 50-75 higher; slaughter heifers 50-1.00 higher; cows 50-1.50 higher; yield grade 1 bulls fully steady, yield grade 2 1.00-3.00 higher.

SLAUGHTER STEERS: Choice 24-1000-1450 lb. 55.75-57.60, few head Choice 2 and Prime 3-4 57.50-58.00; high Good and low Choice 2-3 53.75-56.25; Good 2-3 including several Holsteins 50.75-54.00; Standard 1-2 48.75-50.75.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 54.00-56.50, few 56.50-59.00; Good 2-3 875-1050 lb. 49.50-54.50.

COWS: Utility and Commercial 1-2 42.50-45.50, few 45.50-46.75; Cutter 1-2 41.00-43.50, few 43.50-44.50; Canner and low Cutter 38.50-40.50.

BULLOCKS: Few Choice 1000-1350 lb. 58.25-59.85; Good 1000-1250 lb. 50.00-54.00.
BULLS: Yield grade 1 1100-1750 lb. 55.00-57.50, several 58.00-59.85; yield grade 2 1000-1350 lb. 49.75-55.00.

VEAL CALVES: Vealers fully steady, with 80-115 lb. 5.00-7.00 higher.

VEALERS: Choice 180-300 lb. 88.0-95.00 120-160 lb. 82.00-89.00; high Good and low Choice 120-260 lb. 72.00-85.00-85.00, 90-115 lb. 60.00-72.00, few 70-90 lb. 55.00-62.00.

RETURNED TO FARM:

Vintage Livestock

Vintage, Pa.
Tue., December 12, 1978
Cattle Calves Sheep

Today 612 570 36
Last Tuesday 629 620 24
Last Year 919 606 28

CATTLE: Compared to last Tuesday slaughter steers fully steady; slaughter heifers 1.00-2.00 higher; cows steady to firm; instances 50 higher on Canner and Cutter; bulls and bullocks not tested.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1175-1400 lbs. 57.10-58.35; Choice mainly 2 1075-1425 lbs. 58.00-58.75, six head 59.25-59.50; Choice 2-4 1000-1425 lbs. 55.75-58.00; high Good and low Choice 2-3 54.25-56.00; Good 2-3 52.00-54.50; few Standard 1-2 50.75-52.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lbs. 53.00-56.00, few yield grade 2 56.75-58.75; Good 2-3 850-1025 lbs. 51.00-52.50.

COWS: Utility and Commercial 1-3 42.50-45.25, several 45.50-47.00; Cutter 1-2 40.50-43.00, few 43.00-44.00; Canner and low Cutter 37.00-40.50.

VEAL CALVES: Vealers 2.00-3.00 higher. Supply included 365 in graded sale of which 47 per cent sold to return to farm.

VEALERS: Choice 160-310 lbs. 80.00-88.00, couple Prime 280-320 lbs. 92.00-95.00 with

Bulk 95-115 lb. Holstein bulls 78.00-94.00.

SHEEP: Woolled lambs fully steady; slaughter ewes steady.

WOOLED LAMBS: Choice 80-110 lb. 60.00-64.00, one lot 65.00; Good 70-110 lb. 54.00-60.00.

SLAUGHTER EWES: Utility and Good 24.00-30.00.

Lancaster Auction

Lancaster, Pa.
Wednesday, Dec. 13, 1978
Cattle Calves Hogs Sheep

Today 606 50 863 25
Last Wednesday 717 72 858 16
Wednesday's Auction 430 48 676 19
Last Wednesday's Auction 373 71 1144 16

CATTLE: Compared to Monday slaughter steers firm to 50 higher; slaughter heifers mostly steady; cows steady to weak; bulls steady to 2.00 lower.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1300 lb. 57.25-58.25; Choice mainly 2 1075-1325 lb. 57.25-58.25; Choice 2-4 1000-1400 lb. 55.50-57.50, load 3-4 1350-1590 lb. 54.75-57.10; high Good and low Choice 2-3 53.75-56.00; Good 2-3 52.00-54.25.

SLAUGHTER HEIFERS: Choice 2-3 850-1075 lb. 51.60-54.10.

COWS: Utility and Commercial 1-2 42.50-45.75, few 46.00-46.75; load Commercial 2-4 40.75-45.25; Cutter 1-2 40.50-43.50; Canner and low Cutter 38.00-40.50.

BULLS: Yield grade 1100-1700 lb. 52.75-55.50; couple Good Bullocks 52.00-55.00.

VEAL CALVES: Vealers mostly steady on small supply.

VEALERS: Couple Choice 220-270 lb. 82.00-88.00; high Good and low Choice 80-115 lb. 62.00-68.00.

individual 375 lbs. 84.00; Choice 120-160 lbs. 78.00-84.00; high Good and low Choice 120-270 lbs. 72.00-79.00, 90-115 lbs. 64.00-70.00, 80-90 lbs. 64.00-64.50, 65-80 lbs. 57.50-59.50, one lot 63 lbs. 50.00.

RETURNED TO FARM: 35 head 100-120 lbs. Holstein heifers 67.00-78.00; 25 head 120-125 lbs. Holstein bulls 77.00, 100 head 100-115 lbs. 87.00-89.00, one lot 90-95 lbs. 68.00.

SHEEP: Woolled lambs fully steady.

WOOLED LAMBS: Choice 75-110 lbs. 61.00-67.00; few Good 65-90 lbs. 56.00-61.00.

Market courtesy of USDA.

New Holland Livestock

New Holland, Pa.
Thursday, Dec. 14, 1978
Cattle Calves Sheep

Today 939 594 25
Last Thursday 1057 532 45
Last Year 1076 654 35

CATTLE: Compared to last Thursday slaughter steers firm to 50 higher; heifers 50-1.00 higher; cows 1.00-2.50 higher; bulls 75-1.50 lower; bullocks not fully tested. Supply included 44 per cent slaughter steers and 41 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1325 lb. 57.75-59.25; Choice mainly 2 1050-1375 lb. 57.75-59.75, 10 head 60.00-61.00; Choice 2-4 1000-1400 lb. 55.75-58.25; high Good and low Choice 2-3 54.50-56.50; Good 2-3 51.00-54.50; Standard 1-2 49.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 53.00-55.00, few 55.50-56.75; Good 2-3 850-1025 lbs. 51.00-52.50.

COWS: Utility and Commercial 1-3 43.00-46.00, few 46.00-47.25; Cutter 1-2 41.00-44.00, few 44.00-45.25; Canner and low Cutter 38.00-40.50.

BULLOCKS: Few Good and Choice 1000-1300 lb. 53.00-56.75, couple Choice 58.75-59.75.

BULLS: Yield grade 1 1100-1600 lb. 53.50-56.00.

VEAL CALVES: Vealers fully steady, instances 4.00 higher on 80-115 lb.

VEALERS: Prime 280-340 lb. 96.00-104.00, 35 head 320-375 lb. 102.00-109.00; Choice 160-320 lb. 88.00-98.00, 120-160 lb. 80.00-92.00; high Good and low Choice 120-320 lb. 73.00-82.00, 90-115 lb. 62.00-72.00, 70-90 lb. 55.00-62.00.

SLAUGHTER CALVES: Choice 350-500 lb. 62.00-72.00, Good 275-450 lb. 49.00-58.00.

RETURNED TO FARM: Few 95-115 lb. Hostein bulls 62.00-68.00.

SHEEP: Insufficient volume of any one class for a market test. One lot Choice 78 lb. woolled lambs 70.00 and one lot Good and Choice 70-75 lb. 63.00. One lot Utility and Good 170 lb. slaughter ewes 26.00.

Market courtesy of USDA.

Lancaster Weekly

Fri., December 15, 1978

This week 3600 1350
Last Week 3870 1410
Last Year 4753 1492

CATTLE: Slaughter steers firm to 50 higher; slaughter heifers 50-1.00 higher, instances 1.50 higher; cows 1.00-2.50 higher than last week's low close; bulls 1.00-2.00 lower; bullocks not fully tested. Supply included 34 per cent slaughter steers, 23 per cent cows, 9 per cent heifers, 4 per cent bulls; balance feeder steers with large share being held for Friday afternoon auction.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1400 lbs. 57.25-59.25; Choice mainly 2 1075-1325 lbs. 57.50-59.75; 10 head 60.00-61.00; Choice 2-4 1000-1400 lbs. 55.50-58.25; load 4-5 1350-1590 lbs. 54.75-57.10; high

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls and heifers 79.00-86.00, few 89.00-95.00.

SHEEP: Woolled lambs 3.00-5.00 higher.

WOOLED LAMBS: Choice 65-95 lb. 67.00-71.00; few Good 40-85 lb. 55.00-64.00.

Market courtesy of USDA.

B & R CATTLE CO.

RD 1, Marietta, PA
17547
Office Phone:
(717) 653-8164

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Ph: (717) 656-9849

Good and low Ch
54.50-56.50; Good 2
54.50; Standard 1-
52.00.

SLAUGHTER HE
Choice 2-3 850-1150 lb
56.00, few 56.00-59.00
3 850-1050 lbs. 50.00-52.00.

COWS: Utility
Commercial 1-3 42.
few 46.00-47.25; Cu
40.50-44.00, few 44.
Canner and low Cutt
40.50.

BULLOCKS: Few
1000-1350 lbs. 55.0
couple 58.50-59.85;
1000-1250 lbs. 50.00-55.00.
Yield Grade 1 1
lbs. 53.00-57.50, sever
part of week 58.0
yield grade 2 1000-1
49.75-50.00.

VEAL CALVES:
steady to 2.00 higher
115 lbs. 4.00-5.00 highe

VEALERS: Prime
lbs. 96.00-104.00, 35 he
375 lbs. 102.00-109.00;
160-320 lbs. 85.00-98.0
160 lbs. 80.00-92.00;
Good and low Choice
lbs. 75.00-82.00, 120-1
72.00-80.00, 90-115 lbs.
72.00, 70-90 lbs. 55.00-65.00.

SLAUGHTER CAL
Choice 350-500 lbs.
72.00; Good 275-450 lbs
58.00.

RETURNED TO F
Bulk 90-115 lbs. H
bulls and heifers 77.00
few 89.00-95.00; one lo
lbs. Holstein bulls 88.00.

Market courtesy of U

LEBANON VALLEY LIVESTOCK MARKET, INC.

1 mile East of
Fredericksburg
along Route 22
PHONE:
JONESTOWN
865-2881

Sale every Tuesda
1:30 P.M. starting
feeder cattle and pigs
Also Hay Sale e
Tuesday at 12:30.



LANCASTER STOCKYARDS WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.

— HOLIDAY SCHEDULE —

NO STOCKER & FEEDER SALE — FRIDAY, DEC. 22
LANCASTER STOCKYARDS WILL BE CLOSED:

CHRISTMAS DAY

NEW YEAR'S DAY

CHUTES WILL BE OPEN AS
USUAL TO RECEIVE LIVESTOCK

— SPECIAL NOTICE —

FAT HOG MARKET
TUES., DEC. 26 - 1 P.M.

NEXT FEEDER PIG SALE — DECEMBER 19, 1978

PRIVATE TREATY DAILY

LANCASTER STOCKYARDS, INC.
(717) 394-2611



VINTAGE SALES STABLES, INC.

BULLS, STEERS,
BUTCHER COWS,
LAMBS AND VEAL CALVES
SOLD ON COMMISSION

SALE EVERY TUESDAY — 11 A.M.

HOG SALES

WEEKLY — WED. & SAT. 9 A.M.

EVERY THURSDAY — 12:30 P.M.

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MONDAY'S AUCTION:

8:00 A.M. - Fat Hogs
10:00 A.M. - Horse Sale
11:00 A.M. - Hay, Straw & Ear Corn
1:30 P.M. - Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION:

12:00 Noon - Hay, Straw & Ear Corn
12:00 Noon - Dairy Sale
1:00 P.M. - Feeder Pig Sale

THURSDAY'S AUCTION:

11:00 A.M. - Beef Sale
Order of Sale: Bulls, Fat Steers, Cows, Veal
4:30 P.M. - Calf Sale

NEW HOLLAND SALE STABLES INC.

New Holland, PA

Abram W. Dittenbach, Manager Phone: 717-354-4

Hog Markets

Lancaster Hogs

Saturday, Dec. 9, 1978

Total 1130 head.
No. 1, 200 to 235 lbs. 55.00-56.25; No. 1-2 200 to 245 lbs. 54.50-55.75; No. 2-3 200 to 255 lbs. 54.00-54.75; heavyweights, 265 to 270 lbs. 51.25-53.50.

HOGS: Barrows and gilts 50-75 higher than last Wednesday.

BARROWS AND GILTS:
US 1-2 200-245 lb. 52.25-53.00;
US 1-3 225-265 lb. 51.75-52.25;
US 1 205-240 lbs. 53.75-54.00.

Wednesday, Dec. 13, 1978
HOGS: Barrows and gilts 25-50 higher.

BARROWS AND GILTS
US 1-2 200-240 lb. 52.50-53.00, few 53.10-53.50; One lot US 1 200-215 lb. 54.25; US 1-3 200-250 lb. 51.75-52.50; US 2-3 255-275 lb. 49.50-51.25.

Peoria Hogs

December 14, 1978

HOGS: 2500 - Barrows & gilts active, opening fully 1.50 higher. US 1-2 200-230 lbs. 52.00-52.50; US 1-3 200-240 lbs. 51.00-52.00.

Sows: 1.00-1.50 higher. US 1-3 350-500 lbs. 41.50-42.00; 500-650 lbs. 42.00-42.50.

Indianapolis Hogs

December 14, 1978

HOGS: 1600 - Barrows & gilts moderately active, 1.00-1.25 higher, instances 1.50 up. US 1-3 255 lbs. 50.00-51.00. US 1-2 200-240 lbs. 51.00-51.75, 35 head 52.00.

Sows: Moderately active, steady to 50 higher, most advance on wts. under 450; US 1-3 300-450 lbs. 40.00-41.00; 450-600 lbs. 41.00-42.00; US 1-2 2 lots mixed sows & gilts 325-375 lbs. 41.00-42.50.

St. Louis Hogs

December 14, 1978

HOGS: 4500 - Barrows & gilts active, 1.00-1.50 higher, most advance on weights under 250 lbs. US 1-2 200-240 lbs. 51.50-52.00; Mixed US 1-3 230-250 lbs. 50.50-51.50.

Sows: 1.00 higher. US 1-3 300-500 lbs. 41.00-41.50, Over 500 lbs. 42.00-42.50.

New Holland Feeder Pigs

New Holland, Pa.
Wed., December 13, 1978

Feeder Pigs
Today 2381
Last Wednesday 1668

Last Year 1345

TREND: Compared to last Wednesday feeder pigs uneven, US 1-2 steady to 5.00 lower, US 2-3 10.00-15.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2 25-40 lb. 98.00-122.00; 40-50 lb. 94.00-122.00; 50-65 lb. 82.00-100.00.

US 2-3 25-40 lb. 76.00-97.00; 40-60 lb. 61.00-85.00; few 85.00-95.00.

New Holland Hogs

New Holland, Pa.
Monday, December 11, 1978

HOG AUCTION

Today 1509

Last Monday 2149

Last Year 1717

TREND: compared to last Monday barrows, and gilts 2.00-2.50 higher, extremes 3.00 higher.

BARROWS AND GILTS:
US 1-2 200-245 lb. 53.25-54.00.
Few US 1 205-240 lb. 54.00-54.60.

Mixed US 1-3 220-260 lb. 52.50-53.25.

Market courtesy of USDA.

Vintage Hog

Saturday, Dec. 9, 1978

No. 1, 200 to 245 lbs., 54.00-55.50; No. 2-3, 200 to 240 lbs. 52.00-53.50; sows 42.00-46.50.

Wednesday, Dec. 13, 1978

No. 1, 200 to 240 lbs. 52.00-53.00; No. 2-3 210 to 245 lbs. 51.25-52.25; lightweights, 185 to 200 lbs. 51.50-52.50; heavyweights, 250 to 265 lbs. 50.00-51.00; sows 41.00-44.00; boars 39.00-40.00.

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Atglen, PA
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GARY MCGEE

Spring Run, PA
(717) 349-7300

DAN DERR

Conowingo, MD
(301) 378-3280

Pa. Grain

December 11, 1978

Compared with last Monday's market, for Southeastern, Central and South Central Pennsylvania.

Corn steady to 10 cents higher; Wheat uneven; Barley mostly steady; Oats steady to strong; New Ear Corn steady to \$3 higher.

Prices paid delivered to dealers dock.

(All prices per bushel, except for Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.15-2.45, average 2.32; Wheat No. 2 range 3.35-3.65, average 3.56, few to 3.95; Barley No. 3 range 1.55-1.75, average 1.68; Oats No. 2 range 1.37-1.60, average 1.46; Soybeans No. 1 range 6.25-6.43, average 6.32; Grain Sorghum No. 2 range 1.70-1.75, average 1.73; New Ear Corn range 52.00-61.00, average 55.70.

Central Pa.

Corn No. 2-y range 2.50-2.30, average 2.20; Wheat No. 2 range 3.00-3.60, average 3.41, mostly 3.35-3.60; Barley No. 3 range 1.50-1.70, average 1.60; Oats No. 2 range 1.20-1.60, average 1.38; Buckwheat range 7.50, average 7.50; Grain Sorghum No. 2 range 2.00, average 2.00; New Ear Corn range 44.00-53.00, average 46.43; Old Ear Corn range 55.00-60.00, average 57.60.

So. Central Pa. (Franklin and Cumberland Counties)

Corn No. 2-y range 2.00-2.30, average 2.11; Wheat No. 2 range 3.30-3.40, average 3.36; Barley No. 3 range 1.65-1.80, average 1.72; Oats No. 2 range 1.45-1.55, average 1.49; New Ear Corn range 41.00-50.00, average 46.00.

Southeastern, Central and South Central Summary

Corn No. 2-y range 2.05-2.40, average 2.24; Wheat No. 2 range 3.30-3.65, average 3.47; Barley No. 3 range 1.55-1.75, average 1.66; Oats No. 2 range 1.30-1.60, average 1.42; New Ear Corn range 44.00-58.00, average 50.00.

We would be happy to have you as a Customer . . .

S. K. SHOTZBERGER, INC.

LIVESTOCK TRANSPORTATION

Gene Zwally, President
Marvin Johns, Secy.-Treasurer
P.O. Box 925, Lancaster, PA 17604
Phone: 393-4641 (day or night)

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NEXT FEEDER PIG SALE — DECEMBER 19, 1978

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Futures Trading

(Closing Bids as of Thursday, December 14, 1978)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
Dec.	57.72	52.90		63.50
Jan.	58.60			57.85
Feb.	59.85	52.22		55.05
March			5.50	54.70
April	62.12	48.77	5.77	
May			6.63	
June	63.32	50.57		
July				
Nov.				

Trend - Cattle are mixed, Hogs are higher, Potatoes are higher, and Eggs are lower.

Market Provided by Commodity Department
Reynolds Securities, Inc.

Chicago Grain Futures

(Closing Bids as of Thursday, December 14, 1978)

	Corn	Wheat	Soybeans	Soybean Meal
Dec.	2.18¾	3.48½		192.40
Jan.			6.85¾	192.40
Mar.	2.31	3.39	6.97	191.30
May	2.38½	3.31¾	7.03½	188.90
July	2.43¾	3.18	7.06¾	188.00
Sept.	2.45¾	3.22¾	6.78½	186.50

Trend - Corn is lower, Wheat is lower, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date	569,000	52,000	1,114,000	81,000
Same Period Last Week	563,000	53,000	1,281,000	84,000
Same Period Last Year	599,000	75,000	1,209,600	87,000

Market courtesy of USDA.

Peoria Livestock

December 14, 1978

Compared with last week's close, slaughter steers 50-1.00 higher. Slaughter heifers firm to 50 higher. Cows and bulls steady. Receipts about 65 slaughter steers, 30 slaughter heifers and the balance mainly cows.

SLAUGHTER STEERS:
Choice and Prime 3-4, 1150-1250 lbs. 56.25-56.50, one load at latter price; four loads 4-5, 1400-1510 lbs. for export 55.75. Choice 2-4, 1050-1200 lbs. 55.00-56.25; 900-1050 lbs. 54.50-55.50. Mixed Good and Choice 2-4, 900-1300 lbs. 53.50-55.00. Good 2-3, 51.00-53.50.

SLAUGHTER HEIFERS:
Choice & Prime 3-4, 900-1050 lbs. 53.50-54.00; three loads 54.25-54.50. Choice 2-4, 850-1075 lbs. 52.50-53.50; 800-900 lbs. 52.00-52.50. Mixed Good and Choice 2-4, 800-1000 lbs. 51.00-52.50. Good 2-3, 47.50-51.00.

COWS: Utility and Commercial 1-3, 40.50-43.00. High dressing Utility 44.00. Cutter 1-2, 37.00-41.00. Canner 35.00-37.00.

BULLS: Yield Grade 1-2, 1100-1700 lbs. 43.00-49.00.



SPECIAL NOTICES

On Tuesday, December 19, we will have a large Consignment of 175 head of 40 to 50 lb. Reputation Pigs from Little Piggy Hill Farm.

The entire Yards will be closed to trading on Christmas Day Monday, December 25 but all livestock arriving that day will be fed and watered as usual.

There will be a Fat Hog Market on Tuesday, December 26 starting at 1 P.M.

The entire Yards will be closed to trading on New Years Day Monday, January 1 but all livestock arriving that day will be fed and watered as usual.

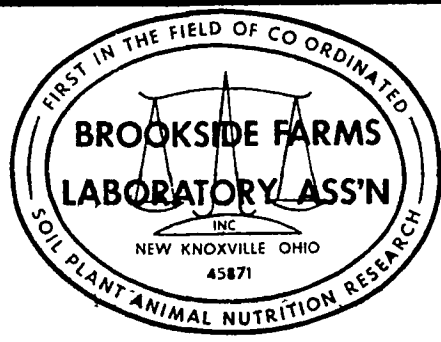
Beginning Tuesday, January 2 there will be a Feeder Pig Sale every week on Tuesday for the year 1979 starting at 1 P.M.

NEXT FEEDER PIG SALE TUESDAY, DECEMBER 19 — 1 P.M.

Consign all your feeder pigs to Walter M. Dunlap & Sons where they will be handled by a capable and experienced staff.

Walter M. Dunlap and Sons
Tel. 717-397-5136

The leading firm on the Lancaster Market



National Reputation — Local Service

Poultry Market Reports

Weekly New York Egg Market

From Monday, December 11 to Friday, December 15

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Jumbo	79	79	79	79	79
Ex Large	75	75	75	75	75
Large	74	74	74	74	74
Mediums	70	71	71	71	71
Pullets	56	57	57	57	57
Peewees	43	44	44	44	43
BROWN					
Large	80	80	80	80	80
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	69	69	69	69	69
Checks	44	44	43	43	42
Breakers	52	52	51	51	50

Tone: Steady to firm.

Copy right 1977 Urner Barry Publications

N. E. Weekly Shell Egg Report

December 12, 1978

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS. +	82-87	82-86	78-81	58-60
Mostly	82-85	82-84	78-79	58-59
NEW HAMP.	76-81	76-81	72-77	52-57
Mostly	78-79	77-78	73-74	53-54
R.I.	85-86	85-86	80-81	60-61
VERMONT	83-90	83-88	79-83	--
Mostly	83-87	85-86	81-82	--
MAINE	81-84	81-84	76-80	56-60

+ Includes Central and Western Sections Only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thursday
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	62	62
Class 2 - Large	45 lbs.	61	61
Class 3 - Medium	42 lbs.	58	60
Class 4 - Small	39 lbs.	51	51
Breaking Stock	48 lbs.	52	52
Checks	48 lbs.	44	44

Philadelphia Eggs

December 13, 1978

Eggs: Prices unchanged on larger sizes, unchanged to higher on mediums. Cartoning demand fair to good. Offerings fully adequate on larger sizes, only adequate to barely adequate on med. Undertone fully steady.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons, delivered: store door: A Extra Large 72½-76; A Large 72½-74; A Medium 66-70.

Baltimore Eggs

December 13, 1978

Market only steady. Prices mostly unchanged with the trade ignoring advance in other terminal markets. Demand is slow to fair. Supplies are ample. Retail prices in major outlets range 99-1.05 for extra large, 93-95 for large and 85-89 for mediums.

Cartoned eggs: prices to retailers, state graded (min one case sale) white:

Grade A Large 78-82
Grade A Medium 73-77

Fogelsville Poultry

December 12, 1978

Prices paid dock weights, cents per pound, except where noted.

Hens, heavy type 8-28, mostly 20-25; pullets 44-48; roasters 27-40, mostly 38-40; capons 65-80, mostly 69-70; ducks 20-55½, mostly 40-45; drakes 30-61, mostly 55-57; geese 50-75; turkeys, hens 60-65, mostly 64-65; rabbits 40-80, mostly 65-72; guineas 1.05-1.15; pigeons, per pair 60-2.70, mostly 80-1.00. Total coops sold 439.

Eastern Pa. & N.J. Poultry

December 13, 1978

Prices advanced on light type hens under a good processor demand for barely adequate to short farm offerings. Offerings of heavy type adequate for a fairly good call.

Prices paid at farm:
Light type hens: 12-14, mostly 13½-14.
F.O.B. plant 15-17, mostly 15-16.

PACMA Fowl

PACMA-FACTS

The following market is supplied by PACMA-FACTS, a direct marketing organization affiliated with the Pennsylvania Farmers' Association. Participating poultrymen are members of PACMA, which employs a fowl marketing agent, The Farmers' Agricultural Cooperative Trading Society (FACT) - to sell members' fowl. PACMA works directly with the PFA poultrymen in the program.

Farm point prices prevailing for fowl to be marketed by members during the week of December 11 were 16 to 16½ plant, 14 to 14½ at the farm

Hay Markets

Good's Hay

Leola, Pa.

Wed., December 13, 1978

Total 79 loads. All prices per ton.

Alfalfa 50-107; mixed hay 55-75; timothy 50-61; straw 70-82; stubble hay 49-64; corn 60-72; corn fodder, 2 loads 48,49; 1 load firewood 32.

Regional Hay

December 11, 1978

(All hay No. 2 and better, prices paid by dealers at the farm & per ton.)

Hay & Straw slow, fully steady.

Alfalfa 60.00-75.00; Mixed hay 55.00-65.00; Timothy hay 45.00-60.00; Straw 65.00-70.00; Mulch 25.00-35.00.

Delmarva Poultry

December 13, 1978

Ready-to-cook movement fair though less aggressive than earlier in the week. Slaughter schedules continue fairly heavy. Today's LTL asking prices mostly 44-45 on plant and 45-46 on U.S. Grade A. Advance interest slow in developing. Live supplies fully adequate in a desirable range. Undertone steady.

Current broiler/fryer negotiated prices for immediate includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: US Grade 45-47; Plant Grade 44-45½; Premium X US Grade A 52.00; Premium X Plant Grade 50.00.

WTD. AVG.: US Grade 45.75; Plant Grade 44.45; Premium X US Grade A 52.00; Premium X Plant Grade 50.00.

New Holland Hay

Monday, December 11, 1978

New Holland Sales Stables

Total 128 loads. All prices per ton.

Alfalfa 61-102; mixed hay 45-89; timothy 50-70; straw 60-88; old corn 72-83; new corn 60-64; 2 loads clover 50, 80; corn fodder, 2 loads 55, 69; 1 load silage 15.

Vintage Hay

Paradise, Pa.

Thursday, Dec. 14, 1978

All prices per ton.

Mixed hay 48-60; mulch hay 32-46; straw 59-80.

Green Dragon

Ephrata, Pa.

December 8, 1978

Prices per ton:

36 loads hay & 13 load straw.

Alfalfa 62.00-78.00.

Timothy, one load 74.00.

Mixed hay 60.00-71.00, one a

79.00, some down to 45.00.

Orchard Grass hay, few

47.00-50.00; Straw 64.00

76.00; Ear Corn, 10 load

60.00-65.00; Corn Fodder, one

load at 54.00.

Harvey Z. Martin Hay

Gap, Pa.

Wed. December 13, 1978

Total 6 loads.

Mixed Hay 2 Load 70

Timothy Hay 1 load 72

Straw 60, 75 & 77.

Notice: Sale will be discontinued till further notice.

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What you do not pay for is all birds in the growing unit — good, bad, and cockrels; feed wastage, mortality losses, hit-or-miss management and servicing procedures.

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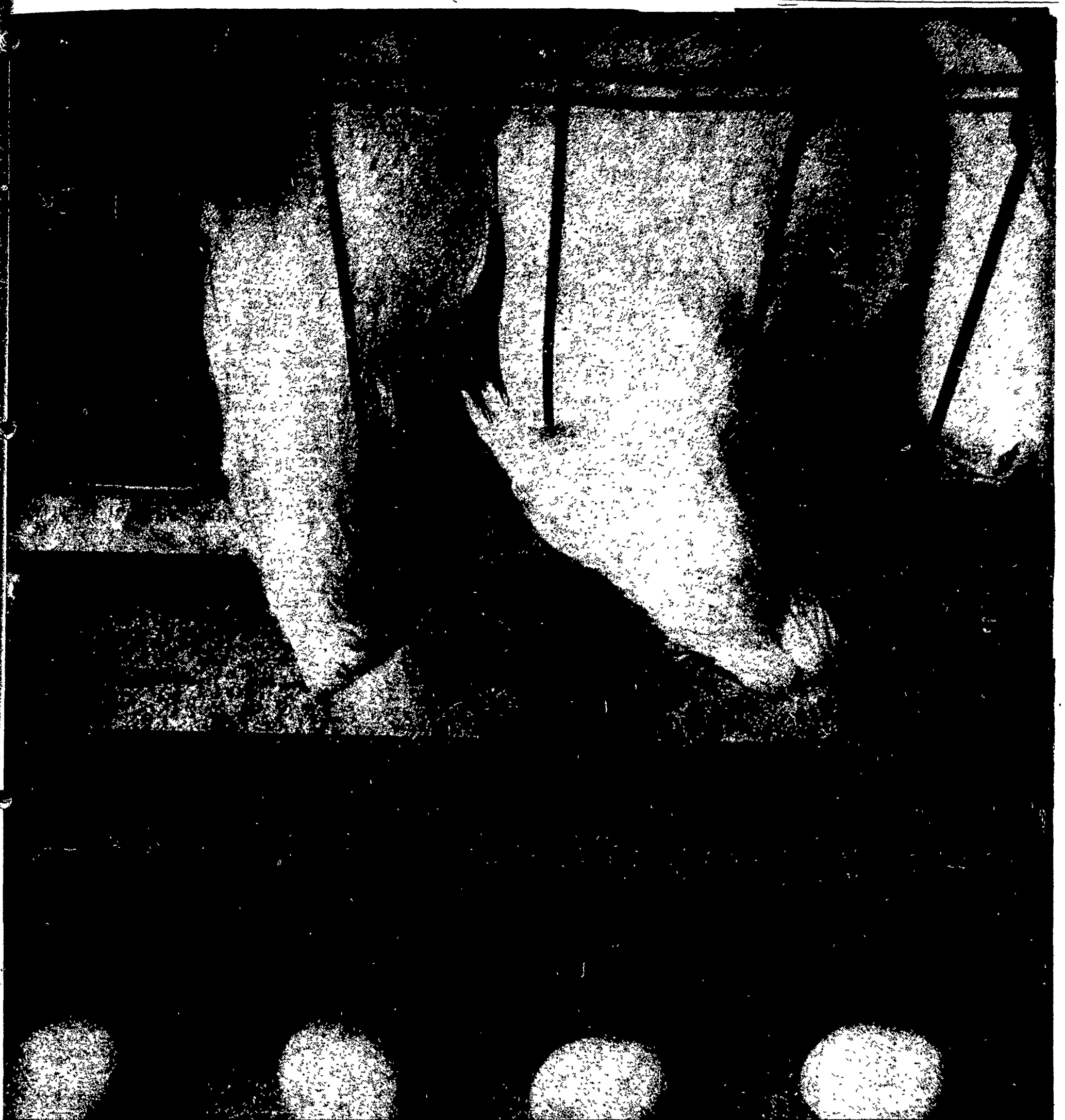
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pennfield feeds

Livestock market and auction news

Des Moines Carlot

December 13, 1978

Compared to Tuesday's close: choice steer and heifer beef steady in very limited trade. Choice forequarters 1.25-2.00 lower. Boneless processing beef and trimmings steady. Trade very slow; demand light with heifer offerings reported as light. Sales reported on 13 loads of carcass beef.

STEER BEEF

Choice 3: 700-900 lbs. 84.00, steady.

Choice 2: 550-650 lbs. 87.00 slctd & trmd.

Choice 3: 550-650 lbs. 86.00 slctd & trmd.

Choice 2: 600-700 lbs. 85.00 selected.

HEIFER BEEF

Choice 3: 500-700 lbs. 82.75, steady.

Choice 4: 500-700 lbs. 76.25, steady with Friday.

COW BEEF

Utility 400 & up lbs. 80.25 to west coast area (BNG) 2-3.

CHOICE 3

PRIMAL BEEF CUTS

Fores: 130-210 lbs. 75.50-77.25, 1.25-2.00 lwr., mostly 75.50-76.50.

Arm Chunks: 75-120 lbs. 75.50.

Rounds: 65-95 lbs. 97.75 (steer).

BONELESS PROCESSING BEEF & BEEF TRIMMINGS

90 pct chem lean frozen 124.00 T.I.S.; 90 pct chem lean frozen 117.00; 90 pct chem lean fresh 120.00, steady; 85 pct chem lean fresh 110.00-111.00; 75 pct chem lean fresh 91.50; 50 pct chem lean frozen 43.50; 50 pct chem lean fresh 43.00-45.50, steady, mostly 44.00-45.50.

Compared to Tuesday's close: fresh pork loins for late week and next week shipment .25-1.50 higher; frozen loins 3.00-4.00 higher. Boston butts 1.50-2.50 higher. Spareribs 3-5 lbs. 2.25-2.50 higher. Skinned hams 14-17 lbs. 50 lower; 17-26 lbs. 3.00-4.00 higher. Bellies 1.75-2.75 higher. Trimmings 50-2.50 higher. Trading moderate;

demand moderate to good for limited available pork products. Sales on 90 loads, including 15 loads of trimmings.

FRESH PORK CUTS

Loins: 14&DN lbs. 90.75-91.00 late week and next week shipment; 14&DN lbs. 93.00 frozen; 14-17 lbs. 88.75-89.00 late week and next week shipment, 75-1.00 higher; 14-17 lbs. 91.00-92.00 frozen; 14-17 lbs. 95.50 clear channel; 14-17 lbs. 97.50-97.75 next week ship; 17-20 lbs. 83.00 1.50 hgr. than Monday; 20 & up lbs. 79.00.

Boston Butts: 4-8 lbs. 88.50, 2.50 higher; 4-8 lbs. 90.00 trimmed; 8 & up lbs. 82.00, 1.50 higher.

Spareribs: 3-5 lbs. 79.25-79.50, 2.25-2.50 hgr.

Skinned Hams: 14&DN lbs. 106.00 frozen; 14-17 lbs. 101.50 50 lower; 14-17 lbs. 95.50 frozen; 17-20 lbs. 96.00-98.00, late 98.00 3.00 higher; 20-26 lbs. 85.00-86.00 3.00-4.00 hgr.; 26 & up lbs. 75.00-76.00.

Bellies, sds.: 12-14 lbs. 57.00-58.00, 1.75-2.75 hgr.; shgr. 57.00-58.00; 18-20 lbs. 50.50-51.50.

Bnls. Ct. Butt: 11&2-3 lbs. 119.50 frozen; 11&2-4 1&2 lbs. 119.50 frozen.

Blade Meat: frozen 102.00 T.I.S.

Cheek Meat: frozen 93.50. Jowls: frozen 31.00, 1.00 higher.

Pork trimmings/boneless processing pork: 42 pct. trmgs. 36.00-37.00 fresh/bags 1.00-2.00 hgr.; 42 pct. trmgs. 39.00 T.I.S./frzn/boxed; 72 pct. trmgs. 80.00 fresh&bins; 72 pct. trmgs. 81.00-83.00 frzn/boxed 50-2.50 hgr.; 72 pct. bnls. picnics 86.00-86.50 frozen.

East Coast Carlot

December 13, 1978

Demand light for carcass beef. Choice steer beef steady in limited trade. Formula sales steer beef generally steady, no comparison available for arm chuck or steer rounds. Prime special fed veal steady to 1.00 higher. Good and choice boning veal steady to 2.00 higher. Lambs 1.00-4.00 higher. No com-

parison available for fresh loins. Fresh hams weak in limited trade.

STEER BEEF

1 Load
Choice 3: 700-900 lbs. 8750, steady.

STEER BEEF

4 Load
Formula sales late Tuesday base.

Choice 3 600-900 lbs. 8750-8800, steady.

CHOICE 3

BEEF CUTS

5 Loads

Steer Hinds: 145-190 lbs. few pt lds; 9950-10100 gen. steady.

Arm Chunks: 90-130 lbs. 7900.

Rounds, Steer: 60-85 lbs. 10150.

LAMB CARCASS, CHOICE AND PRIME

3-4 1/2 Loads

55 lbs. down 13500-13600; 60 lbs. down 13100; 55-65 lbs. 12500; 65-75 lbs. 12000.

FRESH PORK CUTS

15 Loads

Loins: 14 lbs. down 9450; 14-17 lbs. 9250.

TRMD Loins clear channel: 14-17 lbs. 10100.

Skinned Hams: 14-17 lbs. 10500, weak.

BONELESS BEEF

4 Loads

90 pct chem lean, frozen 12200-12300.

VEAL CARCASS-HIDE ON PRIME (SPECIAL FED)

180-240 lbs. 14300-14500, steady to 1.00 higher.

GOOD AND CHOICE BONING TYPE

Northeastern Suppliers: 65-75 lbs. 10200, few 10000, all steady to mostly 2.00 higher; 55-64 lbs. 10000, few 9800; 45-54 lbs. 9800, few 9600; 35-44 lbs. 9600, few 9400; 34 lbs. down 9400, few 9200.

Midwest and West coast suppliers: 70-80 lbs. 10500-10600, all steady to 1.00 higher; 60-70 lbs. 10300-10400; 50-60 lbs. 10100-10200; 40-50 lbs. 9900-10000; 30-40 lbs. 9700-9800.

Baltimore USDA

December 11, 1978

CATTLE 400: Slaughter steers and heifers weak to 50 cents lower, cows 75-1.00

higher than Friday, bulls 50-1.00 higher, feeder cattle \$1.00-2.00 higher. Supply 25% slaughter steers and heifers, 45% cows, 25% feeder, balance bulls.

SLAUGHTER STEERS: Choice 2-4 1035-1235 lbs. 54.00-55.00; Good & Choice 2-4 1100-1400 lbs. 53.00-54.00; few Good 2-4 1000-1300 lbs. 50.25-53.00; Standard and Good Holsteins 2-3 1100-1700 lbs. 46.50-50.75.

SLAUGHTER HEIFERS: few high Good & Choice 2-3 950-1000 lbs. 52.00-52.75; Good 2-3 730-1100 lbs. 46.50-49.25.

COWS: Utility 2-3 39.00-44.35; few high dressing 44.50-45.60; Cutter 36.50-41.25.

BULLS: Y G 1-2 975-2190 lbs. 48.50-54.75; Individual 1285 lbs. 56.75.

FEEDER CATTLE: few Choice steers 650-660 lbs. 62.75-65.00; 730-970 lbs. 58.00-61.00; Choice steer calves 315-400 lbs. 73.00-77.25; few 415-505 lbs. 68.50-69.50; load Choice heifers with high Good Slaughter finish 770-815 lbs. 49.50-50.10; Choice 650-745 lbs. 51.00-54.75.

HOGS 600: Compared to last Wednesday Barrows & Gilts \$2.00 higher, US 1-2 200-240 lbs. 52.00-52.50; US 2-3 230-260 lbs. 51.00-52.00.

SOWS: 50 cents higher. US 1-3 300-600 lbs. 39.50-40.50, few 41.00.

VEAL & CALF AUCTION: Choice Vealers 110-245 lbs. 82.00-96.50; few Good & Choice 170-210 lbs. 70.00-80.00; 75-105 lbs. 57.50-64.50; few Choice calves 335-380 lbs. 67.00-75.00.

SHEEP AUCTION: package Choice woolled slaughter lambs 76 lbs. 53.50; small lot Good & Choice 82 lbs. 46.25; package God ewes 140 lbs. 20.00.

Sechrist Auction

Stewartstown, Pa.

December 11, 1978

CATTLE 72. Steers - Good Choice 53.00-54.85; Good 51.00-53.25; Standard Good 50.00-51.85; Holsteins Good 49.50-51.00; Standard to Good 47.00-49.25. Heifers: Good to

Shenandoah Valley Livestock Sales, Inc.

Harrisonburg, Va.

December 9, 1978

Stocker, Feeder and Stocker Cattle: Good Light Steer Calves 72.00 to 77.50; Medium 68.00 to 72.00; Plain 65.00 and down; Good Heavy Steers 65.00 to 69.00, Medium 60.00 to 65.00; Plain 55.00 and down; Holstein Steers 37.25 to 49.00; Good Slaughter Steers Not enough to quote; Good Light Heifer Calves 63.00 to 67.50; Medium 59.00 to 63.00; Plain 55.00 and down; Good Heavy Heifers 50.00 to 55.25; Medium 47.00 to 50.00; Plain 44.00 and down; Good Slaughter Heifers Not enough to quote; Slaughter Cows 40.00 to 45.25; Utilities 35.00 to 40.00; Canners and Cutters 40.25 and down; Milk & Stock Cows 420.00 and down; Stock Bulls 55.00 to 63.50; Slaughter Bulls 43.75 to 45.00.

Calves: Veal Calves 86.00 and down; Baby Calves 70.00 and down.

Sheep & Lambs: Choice Blue O 62.50; Good Red O 58.50; Feeder Lambs 64.50 to 68.50; Slaughter Ewes 25.00 and down; Stock Ewes 35.00 to 45.50.

Hogs: Not enough to quote.

HOG SALE ONLY

TUESDAY, DECEMBER 26
8:00 A.M.

At

NEW HOLLAND SALES STABLES, Inc.

12 Miles East of Lancaster
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11:00 A.M. - Beef Sale Stockers & Feeders
200 to 250 each week.

12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.

WALTER H. RISSER, Proprietor

Livestock market and auction news

Dewart Auction

Dewart, Pa.
December 11, 1978

CATTLE 180. Compared with last week's market; slaughter cows steady to 75 cents lower. Choice 2-4, 1050-1275 lbs. slaughter steers 53.00-57.50, few Good 50.75-53.50, few Standard 48.00-52.25. Few Choice slaughter heifers 52.50-55.35, few Good 48.00-52.00, few Standard 47.75-49.75. Utility and Commercial slaughter cows 39.75-45.00, few to 45.60, Cutters 39.00-44.00, Canner and Low Cutters 36.00-41.00, Shells down to 34.00. Few Yield Grade No. 1, 1100-1950 lbs. slaughter bulls 50.75-57.10. Few Choice 550-575 lbs. feeder steers 60.00-69.00. Few Choice 450-750 lbs. feeder heifers 49.50-58.50.

CALVES 192. Vealers mostly \$2-\$4 lower. Few Prime vealers 85.00-91.00, Choice 80.00-86.00, Good 71.00-80.00, Standard and Good 90-110 lbs. 66.00-70.90, 70-85 lbs. 63.00-67.00. Farm Calves: Holstein bulls 90-115 lbs. 68.00-75.00, couple to 80.00; few Holstein heifers 85-135 lbs. 68.00-105.00.

HOGS 303. Barrows and gilts \$1.50-2.50 higher. US No. 1-2 200-235 lbs. barrows and gilts 52.90-53.10, No. 1-3 210-255 lbs. 51.50-52.70, few lots No. 2-3 300-315 lbs. 45.75-47.25. US No. 1-3 300-600 lbs. sows 40.25-44.50, couple to 46.75, few No. 2-3 500-750 lbs. 38.00-40.25. Few Boars 33.00-34.50.

FEEDER PIGS 367. Few lots US No. 1-3 10-12 lbs. feeder pigs 13.50-15.00 per head, No. 1-3 20-35 lbs. 19.00-40.00 per head, No. 1-3 35-50

lbs. 37.00-50.50 per head, few lots No. 1-3 50-60 lbs. 47.00-54.00 per head.

SHEEP 24. Few Choice 85-110 lbs. wooled slaughter lambs 52.00-56.50, few Good 70-140 lbs. 41.00-48.50. Slaughter ewes 23.00-30.00.

Market Courtesy of PDA.

G & M Market

December 11, 1978
Duncanville, Pa.

Market report steady.

STEERS: Good to Choice 53.00-57.00; Standard to Good 50.00-53.50.

HEIFERS: Good to Choice 50.00-52.35; Standard 44.00-50.00.

FEEDERSTEERS: Good to Choice 300 to 500 lbs. 68.00-71.00; 500 lbs. to 800 lbs. 55.00-68.00; Standard to Good 45.00-55.00.

BULLS: 1000-1456 lbs. 50.00-53.75.

COWS: High Choice 43.00-45.75; Good to Standard 41.00-43.00; Cutters 39.00-41.00; Canners Down to 35.00.

CALVES: High Choice 140 lbs. to 200 lbs. 95.00-97.50; Good to Choice 80.00-95.00; Standard to Good 60.00-80.00; Utility 25.00-40.00; Farm Calves Bulls 90 to 120 lbs. 75.00-98.00; 1 Heifer 91.00-128.00.

HOGS: 200 lbs. to 240 lbs. 51.00-52.75; 170 lbs. to 280 lbs. 49.00-51.25.

SOWS: 43.00-47.25.

BOARS: 33.00-38.75; **FEEDER PIGS:** 15 to 25 lbs. 12.00-28.00; 25-35 lbs. 30.00-43.00.

SHEEP: Lambs 80 lbs. to 100 lbs. 58.00-60.00.

Four States' Auction

Four States'
Livestock Sales, Inc.
Wed., December 6, 1978

Slaughter: Fed Steers and Heifers - Steady to \$1.00 higher; Choice 54.00-57.50; Good 50.00-53.00; Medium 49.00 down. Heifers - Good 46.00-48.00; Medium 45.00 down. Cows - Large run; \$1.00-2.00 lower; High Yield 42.50-46.10; Average 39.50-42.00; Big Middle 36.00-39.00; Shelly 36.00 down. Fat Bulls, mostly steady; Good 49.00-51.35; Medium 45.00-48.00; Veal Calves - \$1.00-3.00 lower; Good 82.00-87.50; Medium 72.00-81.00; Farm Hfirs. to 99.00; Farm Bulls to 90.00; Light & Weak 60.00 down. Lambs - Steady prices; Choice 56.00-59.75; Good 52.00-55.00; Medium 51.00 down. Slaughter Sows - 325-680 lbs. 38.00-42.00.

Stocker: Steers - 300-550 lbs. very active \$1.00 higher, Light Wts. to 75.00; Choice 68.00-72.00; Good 64.00-67.00; Medium 58.00-63.00; Culls 57.00 down; Steers - 600-850 lbs. Choice 59.00-62.00; Good 55.00-58.00; Medium 54.00 down. Heifers (all weights) - Dairy Type to 67.00; Choice 59.00-63.00; Good 53.00-58.00; Medium 52.00 down. Bulls - Choice 67.00-72.50; Good 61.00-66.00; Medium 60.00 down. Dairy Cows - to 527.50; Pigs, Hd. Large Run; Prices higher; 20-30 lbs. 22.00-37.00; 40-60 lbs. 38.00-45.00; 65-80 lbs. 46.00-53.00; Shoats by lb. to 60.00. Slaughter Hogs - Steady with last week; one lot at 49.50; 200-230 lbs. 48.00-48.60; 240-260 lbs. 47.35-48.50; 180-195 lbs. 45.00-47.00; 270-325 lbs. 42.50-46.00.

Standard 47.00-50.00, Utility 44.00-48.00. Utility and Commercial slaughter cows 42.50-46.50, one at 49.90, and one at 49.00, Cutters 40.00-44.00, Canner and Low Cutters 38.00-42.00, Shells down to 32.50. Few Choice slaughter bullocks at 58.50, Good 50.00-52.50, Standard 48.00-50.00. Yield Grade No. 1, 1400-2400 lbs. slaughter bulls 50.00-54.00, Yield Grade No. 2, 900-1400 lbs. 44.00-49.00.

CALVES 256. Choice vealers 88.00-95.00, Good 80.00-87.00, Standard and Good 90-110 lbs. 65.00-70.00, 70-90 lbs. 55.00-65.00. Farm Calves: Holstein bulls 90-120 lbs. 70.00-92.00; Holstein heifers 80-130 lbs. 80.00-130.00.

HOGS 204. US No. 1-2 200-230 lbs. barrows and gilts 51.50-52.00 No. 1-3 200-240 lbs. 50.50-51.50, No. 2-3 190-250 lbs. 49.50-51.00. US No. 1-3 300-500 lbs. sows 40.00-45.00, No. 2-3 300-600 lbs. 38.50-42.00. Boars 32.00-38.00.

FEEDER PIGS 59. US No. 1-3 25-35 lbs. feeder pigs 22.00-42.00 per head, No. 1-3 35-50 lbs. 38.00-40.00 per head.

SHEEP 0. No sales on offer.

Market courtesy of PDA.

Lancaster Feeder Cattle

Lancaster, Pa.
Friday, December 8, 1978
FEEDER CATTLE
Today 757
Last Friday 500
Last Year 682

TREND: Insufficient volume sold in lots of four or more to fully test trend. Supply mainly clean up trade.

FEEDER STEERS: One lot Choice 500 lb. 67.00, few lots 930-1020 lb. 56.00-57.00; couple lots mixed Good and Choice 765-790 lb. 60.50-62.50, with couple lots Standard and Good Holsteins 50.00-53.50.

FEEDER BULLS: Part load choice 500 lb. 66.75; one lot good 935 lb. 49.85.

Market courtesy of USDA.

Chambersburg Livestock

Chambersburg, Pa.
December 14, 1978

CATTLE 293. Compared with last Thursday's market, slaughter steers. Slaughter cows \$1.25 to 2.00 higher. Slaughter steers few Choice YG 55.00-57.10, good 5.50-55.00, standard 48.50-52.00, utility. Slaughter heifers 1 good at 49.50, few utility 43.85-48.00. Utility & commercial slaughter cows 41.75-46.60, couple 47.60, commercial cutters 42.00-44.85. Canner & L. Cutter 38.00-42.50, shells down to 33.25. Choice slaughter bullocks few good 53.85-55.85. Yield Grade #1, 1100-1800 lbs. 48.75-56.75.

FEEDER CATTLE: Steers few good & choice 45.00-85.00 lbs. heifers 48.00-60.00.

CALVES 490. Vealers \$3.00 but mostly \$7.00-10.00 higher. Prime vealers 108.00-117.00, choice 97.00-109.00, good 83.00-97.00, standard & good 90-110 lbs. 73.00-77.00. 70-85 lbs. 64.00-75.00, Utility 50-100 lbs. 50.00-65.00.

FARM CALVES: Holstein bulls 90-120 lbs. 75.00-101.50. Few holstein heifers 80-140 lbs. 80.00-127.50.

HOGS 87. 1 lot US No. 1-2 220 lbs. barrows & gilts at 51.50, No. 1-3 220-245 lbs. 50.85-51.35, 1 lot 2-3 250 lbs. cut 46.00. **SOWS** US No. 1-3 300-625 lbs. sows 38.50-40.75. **BOARS** 34.00-35.00 1 at 39.00.

FEEDER PIGS 71. US No. 1-3 20-35 lbs. feeder pigs 24.50-36.50 per head, 1 lot No. 1-3 40 lbs. 41.00, 1 lot No. 1-3 76 lbs. at 72.00 per hundredweight.

SHEEP 25. Spring or woolled slaughter lambs. Choice 60-100 lbs. 55.00-60.00. Few slaughter ewes 18.00-28.00.

Market courtesy of PDA.

Indiana Livestock

Indiana, Pa.
December 14, 1978

CATTLE 135. Few Choice YG 55.00-57.50; 1 Standard at 49.25; 1 Choice sl. heifers at 52.00; few Good 46.00-48.75; few Standard 40.00-45.50. Utility & Commercial sl. cows 41.00-45.25, few 45.75-46.50, Commercial 39.00-42.00. Canner & L. Cutter 35.00-39.50, 1 Choice sl.

bullocks 56.25, few Good 48.00-49.00; few Yield Grade #2 900-1300 lbs. 43.75-47.25.

FEEDER CATTLE: Good & Choice 350-510 lbs. steers 57.50-65.00, Good & Choice 300-650 lbs. 48.75-63.00.

CALVES 184. Vealers, few Choice 80.00-89.50, Good 72.00-82.00 Standard & Good 90-120 lbs. 67.00-75.00; 70-90 lbs. 56.00-67.00, few Utility 55-110 lbs. 43.00-57.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 68.00-100.00; Hol. Heifers 80-110 lbs. 70.00-84.00.

HOGS 75. Barrows and gilts US No. 1-3 200-230 lbs. barrows & gilts 51.00-52.50, few No. 2-3 200-260 lbs. 48.75-50.00, 1 lot No. 1-3 120 lbs. at 50.00. **SOWS** US No. 1-3 350-575 lbs. sows 40.50-44.50, **BOARS** 32.00-35.50.

FEEDER PIGS 12. 1 lot US No. 1-3 50 lbs. feeder pigs 36.00 per head.

SHEEP 48. Spring/or/Woolled sl. lambs Good 70-90 lbs. 56.50-61.50. Slaughter ewes 20.00-35.00.

Market courtesy of PDA.

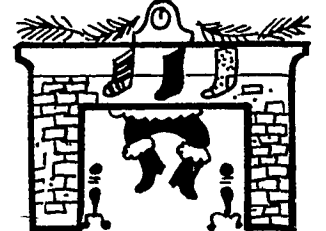
Valley Stockyards

Athens, Pa.

Monday, Dec. 11, 1978

Reported receipts of 429 calves, 123 cows, 94 hogs, 22 heifers, 13 lambs, 3 sheep, 33 bulls, and 8 steers. Cattle market higher and calf market steady.

Holstein heifer calves to 116.00; veals 80.00-89.50; bobs, 90 to 110 lbs. 72.00-83.00; bobs, 80 lbs. and down 60.00-65.00; grassers and feeders 40.00-62.50; lambs 55.00-62.50; sheep 20.00-26.00; hogs, 200 to 250 lbs. 46.50-49.00; sows 38.00-40.00; boars 32.00-35.00; pigs 20.00-36.00; heifers 42.00-50.50; steers, good 52.00-55.25; steers, common 49.00-50.50; bulls 49.00-55.00; cows, good 42.50-45.50; cows, medium 39.00-41.00; cows, poor or small 36.00-38.00; horses, small 152.50-200.00; ponies 30.00-50.00; goats 15.00-40.00.



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From 7 A.M. Wed. Morning

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our office in advance.

Calf Sale To Be Held In New Sales Pavilion
Every Thursday At 4:30 P.M.

NORMAN KOLB ABE DIFFENBACH

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Martinsburg Auction

Martinsburg, Pa.
December 11, 1978

CATTLE 243. Choice slaughter steers 55.00-57.50, Good 53.00-55.00, Standard 49.00-51.00, Utility 46.00-50.00.

Choice slaughter heifers 52.00-55.00, Good 48.50-52.00,

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UNIONVILLE, TENNESSEE

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DEC. 18-24, 1978

Winter is officially here!

Shortest days of the year this week Winter begins Dec 22 at 12:21 A.M. EST. Last quarter of the moon Dec 22 Average length of days for the week, 9 hours, 4 minutes First American penal colony started in Virginia Dec 23, 1617 USS Pueblo seized by N Koreans Dec 23, 1968 'Tis mirth not dishes that sets a table off



Ask the Old Farmer: Can you tell me how the Soldier bean was named? D.T., Lincoln, Nebraska

The Navy bean is the only one we have known to be named for the armed forces

Home Hints: If you wear cotton gloves under rubber gloves your

hands won't sweat or stick to the gloves

OLD FARMER'S WEATHER FORECASTS

New England: Cloudy with light snow, partly sunny for weekend
Greater New York-New Jersey: Seasonal with light rain to start, then partly sunny with some showers or flurries for last of week
Middle Atlantic Coastal: Rainy all week, scattered light snow west

Piedmont & Southeast Coastal: Week begins with heavy rain, snow in mts, gradual clearing and milder for remainder of week
Florida: Rain first of week, then cloudy north and sunny south to week's end, cold

Upstate NY-Toronto & Montreal: Cloudy with snow west to start, snowstorm for last of week

Greater Ohio Valley: Snow and cold this week

Deep South: Sunny west with rain in east and snow in mts, then variably cloudy and colder last of week

Chicago & Southern Great Lakes: Flurries and light snow all week, very cold weekend

Northern Great Plains-Great Lakes: Light snow and flurries for most of week

Central Great Plains: Week brings snow west and snow or sleet in the east, sunny and cold for weekend

Texas-Oklahoma: Partly sunny and cold all week

Rocky Mountain: Mostly cold and sunny, possible snow south for weekend

Southwest Desert: Sunny and clear, light frost, then cloudy with light rain for weekend

Pacific Northwest: Partly sunny, some light rain, cloudy and cold south, sunny north for last of week

California: Cloudy, then mostly clear, warm south, some frost Central Valley

(All Rights Reserved Yankee Inc. Dublin NH 03444)

Carlisle Auction

Carlisle, Pa.
December 12, 1978

CATTLE: Steers steady. Cows steady. **STEERS:** Choice 53.00-55.10; Good 49.50-53.00; Standard 46.00-48.00. **COWS:** Utility & Commercial 42.00-45.75; Cutter 38.75-42.50; Canner & Low Cutter 34.00-39.00. **BULLS:** Yield Grade No. 1 51.85-53.50.

CALVES: Vealers lower. Choice 72.50-89.00; Good 55.00-70.00; Standard & Good 110-130 lbs. 48.00-60.50; Holstein Heifers 119.00-140.00.

HOGS: Barrows & gilts steady. US No. 1-2 50.60-51.85; US No. 1-3 46.75-50.50; SOWS: US No. 1-3 38.50-45.00.

FEEDER PIGS: US No. 1-3 20-35 lbs. 26.00-37.00 per head, No. 1-3 35-50 lbs. 40.00-43.50.



WATCH FOR OUR ANNUAL SALE AND OPEN HOUSE

IN NEXT
WEEK'S ISSUE
**M. M. WEAVER
& SONS, INC.**

Livestock market and auction news

St. Louis Cattle

National Stockyards
December 14, 1978

Weekly cattle review: Receipts this week 6,700; Week ago 7,000; Year ago 9,300.

Compared to the previous weeks close, slaughter steers and heifers uneven, generally steady. Cows steady. Bulls firm to 1.00 higher. Slaughter supply mainly Choice 2-4 1050-1200 lbs. steers, around 30 percent heifers and 15 percent cows.

Note: A substantial increase in Yield Grade 3-5 steers and heifers apparent this week.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 54.50-55.00, closing 54.50; few loads 3-5 1175-1250 lbs. 53.00. Choice 2-4 950-1250 lbs. 52.50-54.50, closing 52.50-54.00. Mixed Good and Choice 2-4 900-1175 lbs. 51.50-53.50. Good 2-3 900-1150 lbs. 50.50-52.00. Standard to Good 2-3 1050-1350 lbs. holsteins 48.00-51.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 52.50-53.50, closing 52.50-53.00. Part load Prime 4 to mostly 5's 1150 lbs. 47.00. Choice 2-4 800-1050 lbs. 51.00-52.00, several closing sales 51.00-52.00; scattered lots 3-5 975-1050 lbs. 48.00-50.00. Mixed Good and Choice 2-3 700-975 lbs. 49.00-51.00. Good 2-3 700-950 lbs. 46.00-49.00.

COWS: Utility and Commercial 2-4 38.00-42.00. Boning utility 1-2 42.00-43.50. Cutter 1-2 36.50-41.00. Canner and low Cutter 1-2 33.50-36.50.

BULLS: Yield Grade 1-2 1050-1800 lbs. 45.00-51.00, closing 46.00-51.00. Yield Grade 1 1450-1800 lbs. 51.00-51.50, couple 52.00.

FEEDERS: (Including around 2,300 at the regular Thursday auction.) Feeder Steers and heifers 2.00-5.00 higher. Demand good. Supply mostly Choice and Mixed Good and Choice 350-800 lbs. steers and 300-600 lbs. heifers.

FEEDER STEERS: Couple lots high Choice and Prime 325-350 lbs. 88.00-89.00. Choice 300-400 lbs. 75.00-85.00; 400-500 lbs. 72.50-77.50; 500-600 lbs. 67.50-71.50; 600-700 lbs. 63.00-68.75; 700-800 lbs. 64.75-67.00. Load thin 824 lbs. 68.00. Mixed Good and Choice, some compact 300-500 lbs. 68.00-75.75; few lots 500-600 lbs. 64.00-68.00.

FEEDER HEIFERS: Choice 300-500 lbs. 62.00-70.25; 500-600 lbs. 59.00-64.00; 600-700 lbs. 55.00-63.00. Mixed

Good and Choice and some compact 300-500 lbs. 68.00-75.75; few lots 500-600 lbs. 64.00-68.00.

Western Maryland Market

Western Maryland
Stockyards, Inc.
Westminster, Md.
December 12, 1978

BUTCHER CATTLE: Mostly cows offered, Fat Steers Good demand; Top 56.50; Good-Choice 53.00-56.50; Standard 50.00-53.00; Heifers, Good to 49.25; Cows Large run, steady to \$1.00 higher! Good Cows 43.00-46.75, Individual at 47.60; Standard & Utility 42.00-43.50; Canners 40.00-42.00; Shelly 40.00 Down Bulls Strong demand; Top 55.00, Bulk 49.00-52.00.

BUTCHER HOGS: Prices steady. Top Hogs 49.25; Bulk 200-225 lbs. 48.50-49.25; 230-260 lbs. 48.00-49.00; 170-190 lbs. 46.00-48.00; Heavy Weights to 44.25; Sows to 42.00, Bulk 38.00-40.50.

VEAL CALVES: Good run, very active. Tops, to 98.50; Good-Choice 85.00-98.50; Standard 75.00-85.00; Light calves 3.00-5.00 lower! Bulk 55.00-75.00; Weak & Rough 55.00 Down. Farm heifers to 128.00, Bulls to 96.00.

LAMBS: Good demand, few offered. Good & Choice to 61.50; Medium to 55.00.

STOCK CATTLE: Good run, prices higher. Stock Steers 40.00-74.00; Stock Heifers 40.00-66.50, Lightweights to 76.50; Stock Bulls 40.00-75.00.

PIGS AND SHOATS: Good run, mostly steady. By the head 15.00-45.00, Shoats to 52.00; By the lb. 60-90 lbs. shoats to 81.00; 100-160 lbs. shoats to 50.00.

Carroll's Market

Carroll's Sales Co., Inc.
Felton, Delaware
December 8, 1978

COWS: Utility 40.00-44.50; Cutter 37.00-40.00.

STEERS: Choice 55.00-58.00; Good 50.00-55.00; Standard 45.00-50.00; 400-500 lbs. Feeder Bulls 57.00-70.00.

BULLS: 48.00-54.50. **VEAL CALVES:** Prime 80.00-90.00; Choice 70.00-80.00; Good 65.00-70.00; Standard 55.00-65.00; Monkeys returning to farm-50.00-84.00.

LAMBS: 53.00-86.00. **HOGS:** 50.50-53.50. **SOWS:** 39.00-41.00. **BOARS:** 38.00-39.75; Pigs sold between 27.00-70.00.

Joilet Cattle

December 14, 1978

Friday through Wednesday's salable receipts 7,400, 5 days last week 7,419, year ago 9,929. Trading slow on Monday, turning moderately active Wednesday.

Slaughter steers closed the week 75 to 1.25 higher than Wednesday of last week. Slaughter heifers closed the week 25 to 50 higher. Cows 50 higher.

SLAUGHTER STEERS: Mixed high Choice and Prime 3-4, few 5, 1150-1350 lbs. 55.50-56.00 Monday, 56.25-56.75 Wednesday. Load 4-5 1100 lbs. 56.00 Wednesday. Choice 2-4, largely 3-4, 1000-1250 lbs. 54.50-55.50 Monday, 55.25-56.25, Mostly 55.50-56.25 Wednesday. Mixed Good and Choice 2-3 1000-1200 lbs. 53.50-54.50 Monday, 54.00-55.00 Wednesday. Choice holsteins 1400-1500 lbs. 52.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 3-4, few 5, 950-1100 lbs. 54.00-54.25; 1 load 54.50 Monday, 54.50-54.75 Wednesday. Choice 2-4 900-1050 lbs. 53.25-54.00 Monday, 53.75-54.50 Wednesday. Mixed Good and Choice 2-3 800-1000 lbs. 52.25-

53.25 Monday, 52.50-53.50 Wednesday.

COWS: Utility and Commercial 1-3 41.50-43.00. Canner and Cutter 39.00-41.00.

Market courtesy of USDA.

New Holland Dairy

New Holland Sales Stables
Wed., December 13, 1978

Reported receipts of 169 cows, 203 heifers, and 10 bulls. Dairy cow market reported steady, heifers stronger.

Load of Pa. fresh 925-1040; load of N.Y. purebred and grades, fresh 900-2125, springers 850-1450; load of Pa. fresh 720-1050; load of Butler Co., purebred and grades, fresh 875-1600, springers 710-1800; Guernsey cows 525-800; local cows 750-1250; springing heifers, grades 775-1050, purebreds 850-1240; bred heifers 625-750; open heifers 275-625; bulls 450-600; herd dispersal of 25 head in all stages of lactation 345-1000.

Grapefruit

Add taste and color to meals with rosy-type grapefruit. Serve it plain, broiled or as a garnish.



If you have fat
cattle or
need feeders ...

**THINK
NEW HOLLAND**

BEEF SALES

MONDAY - 1:30 P.M.
THURSDAY - 11:00 A.M.

Sale Order - Fat Bulls, Steers, Stockers and Beef Cows
Veal Calves - 4:30 Thurs.

NEW HOLLAND SALES STABLES, INC.

Phone: 717-354-4341

Daily Market Report - Phone: 717-354-7288

Abe Dittenbach, Manager

Field Representatives - Alan Dittenbach 717-656-9806

Luke Eberly 215-267-6608

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Livestock market and auction news

Leesport Auction

Leesport, Pa.
December 13, 1978

CATTLE 256. Supply included 82 feeder cattle. Compared with last Wednesday's market, slaughter cows steady to \$1.25 higher. Few Low Choice slaughter steers 57.00-59.50, Good 53.75-56.50, Standard 49.00-51.35, few Utility 46.75-49.25. Few Choice slaughter heifers-

50.50-54.10, few Good 50.00-53.25, few Standard 47.75-49.50. Utility & Commercial slaughter cows 40.75-45.60, couple to 45.85, Cutters 41.25-43.50, Canner & Low Cutter 37.50-40.75, Shells down to 34.00. Few Good slaughter bullocks 56.25-57.50. Few Yield Grade #1 1200-1550 lbs. slaughter bulls 53.85-54.70. Choice 450-800 lbs. feeder steers 56.50-70.00; Good & Choice 350-675 lbs. feeder heifers 45.00-55.00; few Choice 450-900 lbs. feeder bulls 55.00-66.50.

CALVES 171. Vealers grading Standard & Low Good \$1 to \$4 higher. Choice vealers 84.50-92.00, Good 76.00-81.00, Standard & Good 90-110 lbs. 65.00-69.00, 70-85 lbs. 58.00-65.00, Utility 50-100 lbs. 50.00-58.00. Farm calves, holstein bulls 85-120 lbs. 68.00-88.00; holstein heifers 90-120 lbs. 70.00-130.00.

HOGS 271. Barrows & gilts 25 cents to \$1.25 higher. US No. 1-2 195-245 barrows & gilts 52.35-52.85, No. 1-3 185-255 lbs. 51.75-52.60, No. 2-3

250-275 lbs. 47.75-50.00, one lot 330 lbs. at 44.00. US No. 1-3 275-550 lbs. sows 40.25-43.75, few No. 2-3 300-600 lbs. 32.25-38.50. Boars 35.00-42.00.

FEEDER PIGS 238. ALL PRICES CWT. US No. 1-3 (1 Lot) 14 lbs. feeder pigs 132.00, No. 1-3 20-40 lbs. 112.00-125.00, No. 1-3 45-55 lbs. 99.00-114.00, No. 1-3 75-95 lbs. 57.00-75.00 cwt.

SHEEP 25. Choice 70-105 lbs. woolled slaughter lambs 63.00-79.00. Few Slaughter ewes 20.00-25.00.

Belleville Auction

Belleville, Pa.

December 13, 1978

CATTLE 157. Steers steady. Cows higher.

STEERS: Standard 48.75-52.75.

COWS: Utility & Commercial 43.50-47.00; Cutter 42.50-44.25; Canner & Low Cutter 38.00-42.00.

BULLS: Yield Grade No. 1 49.60-55.85.

CALVES 181. Vealers higher. Standard & Good 110-

130 lbs. 82.00-87.50; 90-110 lbs. 62.50-76.00; 65-90 lbs. 55.00-62.00; Holstein bulls 95-115 lbs. 86.00-91.00. Heifer Calves 98.00-128.00.

HOGS 266. Barrows & gilts steady. US No. 1-2 50.50-52.25; US No. 1-3 48.50-50.25.

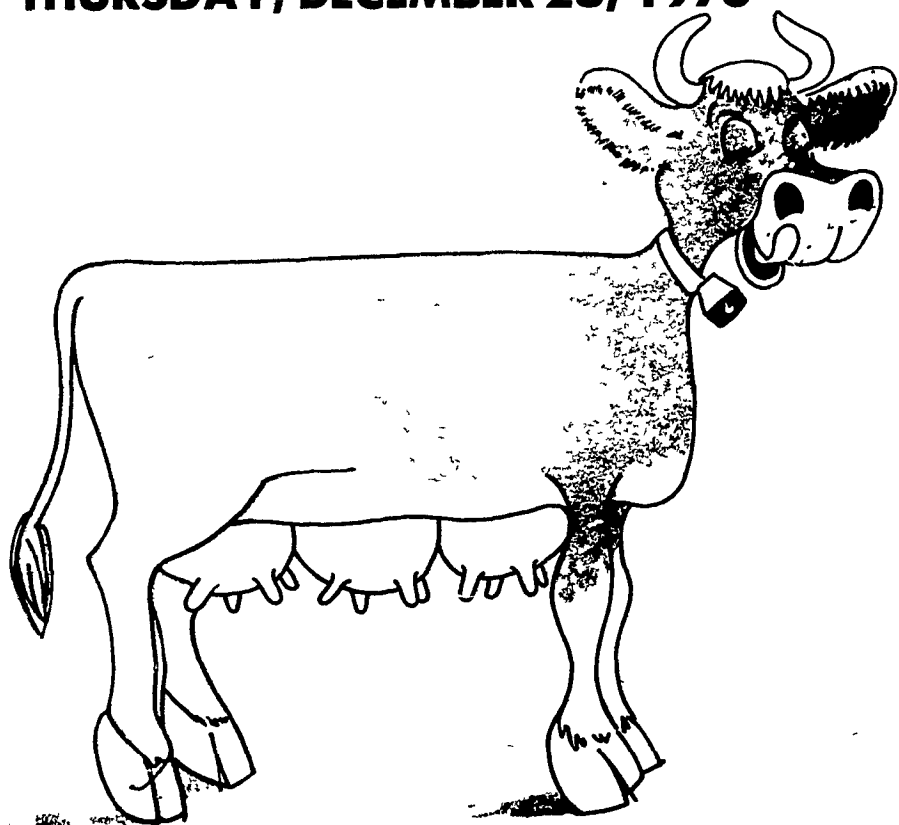
SOWS: US No. 1-3 40.50-44.00.

FEEDER PIGS 483. US No. 1-3 20-35 lbs. 22.00-36.00 per head, No. 1-3 35-50 lbs. 38.00-44.00.

SHEEP 24. Slaughter lambs higher. Choice 58.00-70.00; Good 54.00-60.00. EWES 19.00-23.00.

LANCASTER COUNTY HOLIDAY DAIRY TOUR

THURSDAY, DECEMBER 28, 1978



PAUL F. SAUDER
924 Silver Spring Rd.
Lancaster, PA

Milking 60 cows with a herd average of 14,900 lbs. milk and 560 fat. A free stall solar barn, farming 180 acres in corn, 70 acres alfalfa. Haylage is processed through a 20 x 70 HARVESTORE purchased in 1971 and a 20 x 80 HARVESTORE purchased in 1975. High moisture shelled corn is processed through a 20 x 40 HARVESTORE purchased in 1972. Total ration concept is used and no grain is fed while milking. A 61 x 15 SLURRYSTORE Liquid Manure system constructed December 1976 stores 7 months manure on the Sauder Farm.

CHARNELL MANOR FARM

R.D. #2, Lancaster, PA

Milking 70 cows in a tie stall barn with a herd average of 14,743. Feeding 1/2 cornlage and 1/2 haylage. 20 x 70 HARVESTORE for haylage, 20 x 30 HARVESTORE for high moisture shelled corn, 20 x 80 HARVESTORE for cornlage, and a 4215 SLURRYSTORE Liquid Manure System.

DONALD BARE, DOUBLE SPRING FARM

1801 Millport Road
Lancaster, PA

Milking 60 cows with a herd average of 18,536. Farming 275 acres divided between corn and alfalfa. 20 x 70 HARVESTORE for haylage, and a 20 x 32 HARVESTORE for shelled corn.

FRANKLIN COUNTY SWINE TOUR

THURSDAY, DECEMBER 21, 1978



MR. & MRS. ADIN FREY
Frey's Farm Dairy
R.D. 8, Chambersburg, PA

Mr. and Mrs. Frey have for many years operated a large 200 to 250 cow dairy, processing and merchandising their milk production at the farm.

During 1977 a 25 x 65 HARVESTORE and an open fronted finishing house was added to the farm operation as a means of diversification. This hog finishing unit is constructed with slats over pit, central feeding room, HARVESTORE automation, and has a capacity of 960 hogs. The Freys purchase all the corn used in this finishing house and also purchase the corn to fill a 20 x 77 which is used as the principal feed in the dairy operation.

MR. & MRS. EUGENE WINGERT

St. Thomas, PA

Mr. and Mrs. Wingert have, without a doubt, the most experience feeding High Moisture shelled corn and also high moisture barley to sows, nursery pigs and finishing hogs of any farmer throughout the East Coast.

Starting with a 20 x 27 HARVESTORE in 1967 and a uniform cycling feeder located in an outside paved barn yard, the Wingerts finished upwards to 2500 hogs a year. The HARVESTORE was filled and refilled during a years production numerous times with both barley and corn.

The Wingerts had constructed a modern farrowing house earlier in the 60's, which has many advantages compared to our present day modern farrowing facilities, that serves the purpose real well to farrow the present sow herd of close to 200 sows.

In 1977 a 20 x 50 HARVESTORE and an open fronted finishing house were added to the operation. The finishing house is basically an open fronted house with slats and pit.

• LUNCH SERVED • CALL FOR RESERVATIONS 717-354-4051

PENN-JERSEY HARVESTORE SYSTEMS INC.



EDITORIAL COMMENTS

By Dieter Krieg

I've long been a fan of Longwood Gardens, Chester County, but it wasn't until two years ago that I first saw their spectacular Christmas display. Anyone within a couple hours' drive of Kennett Square should certainly make an effort to see the famous Gardens. The beauty is just about beyond belief and certainly can't be adequately described in this column.

Although Longwood Gardens is filled with beauty the year around, the facility has a special Christmas treat each year. It doesn't cost much either. It's only \$2 for adults and \$1 for children ages 6-14. Those under 6 get in free.

But the charge of admission is beside the point. The sights at Longwood Gardens are well worth the price. Recognized as one of the great gardens of America, Longwood Gardens are located along U.S. Route 1, just east of Kennett Square.

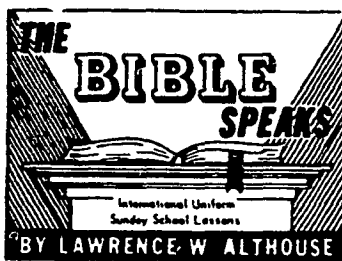
Aside from acres of superbly manicured outdoor beauty, there are also arces of indoor displays. During the Christmas season (which officially began here yesterday) the facility also features 50,000 lights. A

person just can't imagine the beauty of such a presentation. Truly, it has to be seen to be appreciated. In addition, Longwood Gardens provides Christmas concerts. One of the largest pipe organs in the nation is within one of its conservatories. Thirty different programs of Christmas music are planned to provide a festive accompaniment to the visual splendors of the season.

Thousands of blooming plants, thousands of twinkling lights, and hundreds of indoor displays provide the visitor with plenty to see.

Longwood Gardens has something for everyone who likes Christmas, and I guess that would include all of us. It's a terrific Christmas present from the Gardens to all of us. I personally appreciate their efforts and I sincerely recommend it to anyone who doesn't mind driving during this time of the year.

Longwood Gardens is open from 10 a.m. until 9 p.m. during the Christmas season. For further information, please see a special article which appeared in last week's edition of Lancaster Farming, beginning on page 108.



BLESSED AMONG WOMEN

Lesson for December 17, 1978

Background Scripture:

1 Samuel 2:1-10
Luke 1:39-79

Devotional Reading:
Luke 1:68-79

Four miles outside the city

of Jerusalem (urban sprawl keeps it from seeming that far) is the little Judean hill town of Ein Karem. From the Hadassah Medical Center one can view the ancient town and its monuments to John the Baptist. For here according to tradition John the Baptist was born (marked by a Franciscan church and monastery). Another Franciscan monastery stands beside the hill cave where it is believed John lived the last years of his life.

Most important for the Christian pilgrim, however, is the lovely Franciscan Church of the Visitation, commemorating the ecstatic

encounter between John's mother, Elizabeth, and her younger cousin, Mary, from Nazareth. Whether or not the tradition is correct in identifying Ein Karem as the "hill country...city of Judah" in Luke 1, the pilgrim can hardly escape catching there a spiritual glimpse of that great occasion which we commemorate again each Advent season.

Filled With The Spirit

Mary's quiet, uneventful life had been jolted by her own experience of God's messenger who came to her in Nazareth and told her that she was to become the mother of the Messiah. Informed that her cousin

Elizabeth was also to bear a child of religious significance by the power of the Holy Spirit, Mary rushed to visit with her. She needed to talk to someone who might understand. Who in Nazareth would believe her or know how to help her?

Entering the house of Zechariah and Elizabeth, she greeted her cousin the customary way. But Elizabeth's response was anything but customary. Without understanding what was happening within her, Elizabeth felt her unborn son move vigorously in her womb. This was no mere kicking movement experienced by many pregnant mothers-to-be, but

something much more than that! A wave of pure joy seemed to engulf her and without thinking of what she was saying, she exclaimed: "Blessed are you among women, and blessed is the fruit of your womb!" (1:42). Elizabeth heard her own words with amazement and went on to explain to her cousin what had prompted this ecstatic outburst.

My Spirit Rejoices

But something was happening in Mary too. Caught up in a spiritual excitement few have ever known, she exclaims, "My soul magnifies the Lord, and my spirit rejoices in God my Savior" (1:46,47). The

words come from her own mouth but their source seemed to be "Something Other." In her ecstatic song, Mary expresses her awe, her thanksgiving for what God is doing in her, and prophecies of the mighty works he will yet accomplish in the days ahead. (This "song" is known as The Magnificat, after the Latin word which we translate into English as "magnifies").

Mary "magnified" the Lord. Caught up in awe, wonder, and thanksgiving, her heart overflowed with praise and joy.

In the winter light of this Advent season let us experience our own Magnificat!



NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent
Phone 394-6851

TO SORT TOBACCO

Tobacco stripping is underway in this part of the state and many hours will be spent pulling the leaves from the stalks. The days of special handling and sizing seems to be over; however, it is still very important that growers sort the ground leaves and the injured leaves from the good tobacco. If the crop is being sold on grade, then this is required. With some "pull-off" crops this is

of less importance. On the other hand, growers should be honest enough to sort out the undesirable leaves. If this is not done, then the buyers will be unhappy and look elsewhere for their tobacco supplies. Some sorting is necessary with every crop, regardless of the method of selling.

TO PRODUCE DAIRY BEEF

Since dairying is so important in this part of the country, it might be profitable for more dairymen to feed out some of their bull calves as steers. Dairy beef is very much in demand because it has good

flavor and does not carry a lot of waste fat. The beef trade today is demanding more lean beef. With the lower price of feed grains, especially corn, many dairymen can add extra income from their dairy herds by feeding out the bull calves; they can be fed out as bulls, or preferable steered at an early age. Open sheds or pole barns can provide adequate housing.

TO ORDER SUPPLIES

It's not too early to be placing orders for farm supplies for 1979. Many concerns may give a good discount when supplies are ordered and accepted in

advance of the growing season. This is the best way to get the variety and quality of materials that are wanted. Next spring there may be shortages of brands of fertilizer, or varieties of farm and garden seeds. The same is true with tractor and machinery repairs. If the dealer is given time this winter to work on the equipment, he will have it ready for spring use and may give some discount for keeping his labor busy during the winter season. Plan ahead and take advantages of discounts.

TO COOPERATE WITH AGRICULTURAL CENSUS

The forms for the 1978 Census of Agriculture are to be mailed out late in December. We urge commercial farmers to cooperate with this program by completing the forms and returning them to the Bureau of Census. We are informed that the forms

have been revised to make them shorter and more easily understood. The agricultural census is one way to evaluate the trends and status of American agriculture; we know of no reason why producers should not give the true facts on their farming operation. Agriculture is big business in this country and we should be glad to report the facts.

Farm Calendar

Monday, Dec. 18

Annual meeting of the Pennsylvania Seedsmen's Association, 10 a.m. at the Treadway Resort Inn, Lancaster.

Tuesday, Dec. 19

Ephrata Area Young Farmers annual Christmas program, 7:45 p.m. at Ephrata Jr. High School.

Lancaster County FFA farm mechanics contest. Penn Manor High School 12:30 p.m.

Seed, fertilizer, pesticide dealers and college crop specialist meet, (N.J.) Pfenningers Hilltop Inn, 6:30 p.m.

Board of directors meeting of the Lancaster County Farm and Home Foun-

dation, at the Farm and Home Center, 7:30 p.m.

Wednesday, Dec. 20

Crop Day at Upper Dauphin High School, 10:30 a.m. to 2:30 p.m.

Garden Spot Young Farmers Tour, beginning at 9 a.m. from the agriculture parking lot at the high school. Return by 3:30 p.m.

Swine management meeting at the Hinkletown Alternative School, 7:30 p.m.

Thursday, Dec. 21

Milk Marketing Board hearing concerning a proposed change for Area 1 dairy farmers, Downingtown Inn, Downingtown, 10 a.m.

RURAL ROUTE

By Tom Armstrong

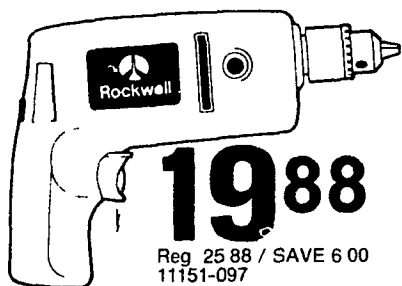


CENTRAL FARM & FAMILY CENTER

Christmas TREATS



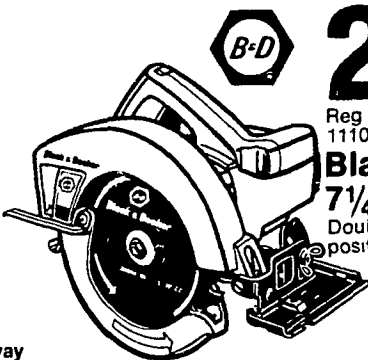
Hurry!
Sale prices good only through Sat., Dec. 23, 1978



1988

Reg. 25.88 / SAVE 6.00
11151-097

Rockwell 3/8" Variable Speed Drill
A superb tool with big 2.7 amp motor. Drives and removes screws. Drills wood, metal, masonry, glass. 6' cord. Double insulated. UL listed.



2488

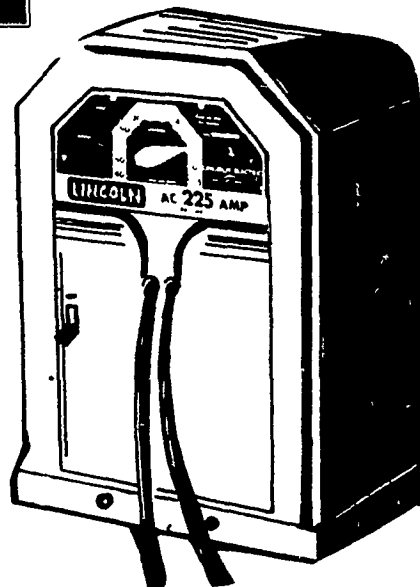
Reg. 28.88 / SAVE 4.00
11104-097

Black & Decker 7 1/4" Circular Saw
Double insulated front handle for positive control. Ejection chute.

1199

Reg. 127.99 / SAVE 8.00
18040-115

Lincoln 225 Amp Arc Welder
Includes ground clamp, insulated electrode holder, 15' electrode cable, 10' ground cable, 6' input cable with plug, female receptacle and helmet. Uses 220 volt, 60 cycle power source. Wheels not included.



8999

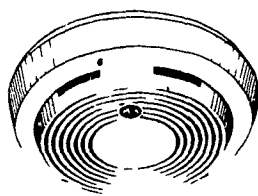
Reg. 99.99 / SAVE 10.00
'73-78 Chevy & GMC 25157-314

9999

Reg. 109.99 / SAVE 10.00
'73-78 Ford 25158-314
'72-78 Dodge 25159-314

Aluminum Pickup Running Boards

Protects body from rock chips and mud splattering. Appearance of chrome-like finish but will not rust or peel. Mounting brackets and hardware included.



Get a \$5 rebate from Pittway on a First Alert™ smoke detector

1588 Sale Price
500 Rebate

1088

First Alert Smoke & Fire Alarm model SA76RS. Pick up your \$5 rebate coupon at Central Tractor Farm & Family Center and mail it to manufacturer for rebate. Offer good only on purchases made before Dec. 31, 1978. Limit 3. Regular price 17.88. 51131-323



1299

Reg. 15.99 / SAVE 3.00

Insulated Nylon Jacket

Available in sizes S, M, L, XL.
Black 3120000-168
Brown 3260000-168



Towing Chain

5/16" x 14'
10608-072 Reg. 14.88

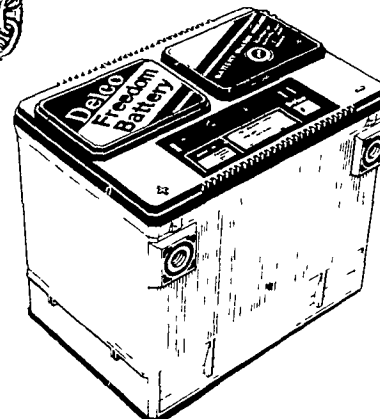
3/8" x 14'
10600-072 Reg. 18.88

1/2" x 14'
10604-072 Reg. 47.88

SALE 1288

SALE 1588

SALE 3888



12 Volt Delco Freedom Batteries

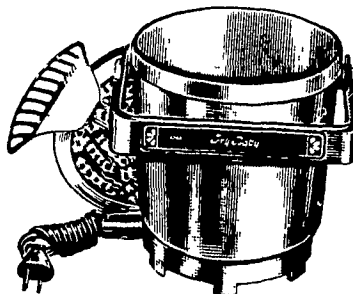
Never needs water or regular service. These batteries stay charged when not in use with plenty of power for cold weather starting.

60 Month Battery

Group	Size (inches)	Cold Crank Amps D*	Terminal Type	Stock No.	Reg. Outr.	SALE Exch.
24F	10 6x6 8x8 9	505	Top	53001-365	67.59	57.59
24F	9 4x6 8x8 4	405	Top	53019-365	59.79	50.49
24	10 2x6 8x8 9	505	Top	53026-365	67.59	57.59
27	12 0x6 8x8 9	505	Top	53033-365	68.99	58.99
27F	12 4x6 8x8 9	505	Top	53041-365	68.99	58.99
71	8 1x6 8x8 5	350	Side	53058-365	55.49	46.49
73	9 0x6 8x8 5	430	Side	53065-365	62.59	52.99
74	10 2x6 8x8 5	505	Side	53072-365	67.59	57.59

40 Month Battery

Group	Size (inches)	Cold Crank Amps D*	Terminal Type	Stock No.	Reg. Outr.	SALE Exch.
24F	10 6x6 8x8 9	300	Top	53124-365	50.89	42.29
24	10 2x6 8x8 9	300	Top	53100-365	50.89	42.29
74	10 2x6 8x8 5	300	Side	53117-365	50.89	42.29

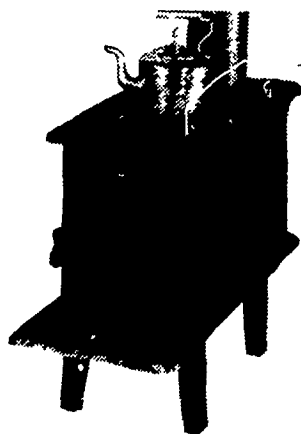


1197

Reg. 17.99 / SAVE 6.02
51207-323

Presto® Fry Baby™ Deep Fryer

French fry anything with the Model FBD1 perfect for singles, couples, students, who want a serving or two in a jiffy. Fries with only 2 cups of oil. Non-stick hard surface inside and out for easy cleaning.



5499

Reg. 66.50 / SAVE 11.51
12004-340

Wood Burning Boxwood Stove

Reliable, just load it with wood unaffected by power loss or fuel shortages. Ideal for heating an add-on room, garage, basement or cabin.

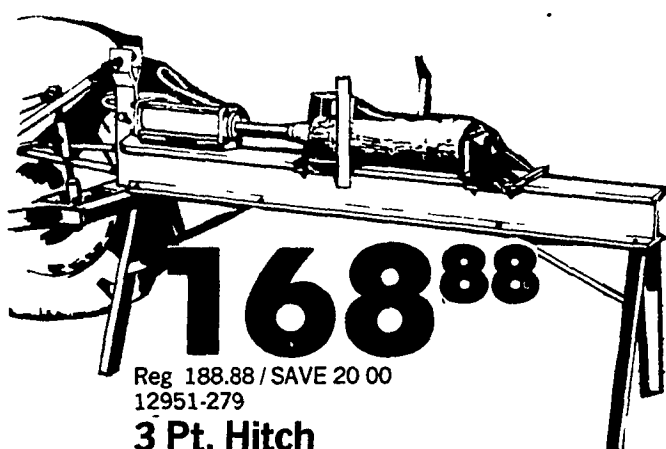


7495

Reg. 84.95 / SAVE 10.00
27918-098

Homelite XL® 10

Homelite's economy priced chain saw. Lightweight for easy operation. Powerful enough to tackle a wood lot. Automatic chain oiling.

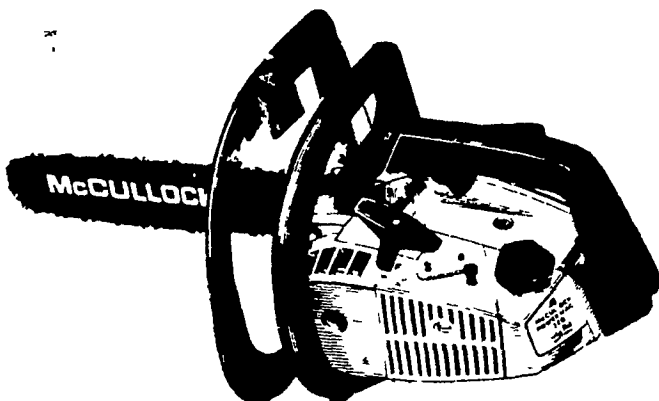


Reg. 188.88 / SAVE 20.00
12951-279

3 Pt. Hitch Wood Splitter

Fits category 1 or 2, allows you to split a cord of wood in less than an hour. Exclusive quick adjust backstop, heavy duty construction, can be used free standing with ground stand or mounted on tractor. Uses 8" to 18" stroke hydraulic cylinder. Does not include cylinder, valve, hoses, or stand.

Stand for above 12953-279 **28.99**



15495

Reg. 169.95 / SAVE 15.00
27948-098

McCulloch Power Mac 320

Features automatic chain sharpening, 2.1 cu. in. engine with solid state ignition, 16" sprocket tip bar, auto and manual chain oiling.

FARM & FAMILY CENTER

LANCASTER

1570 Manheim Pike, Hwy. 72 North
Ph: 717-569-0111

Sale Hours:

8 to 6:00 Monday - Thursday
8 to 6 Friday; 8 to 5 Saturday

CHAMBERSBURG

1351 Lincoln Way East
Ph: 717-264-8282

Sale Hours:

9 to 6 Monday - Thurs.
9-9 Friday
9-5 Saturday

Livestock market and auction news

Pa. Auction Summary

of 14 Livestock Auction Market Reports December 15, 1978

CATTLE 4731. Compared to 5322 last week and 8026 a year ago. Compared with last week's market, slaughter steers steady to \$1.00 higher. Slaughter heifers steady to 2.00 higher. Slaughter cows mostly steady to 50 cents higher. Slaughter bulls unevenly steady. High Choice & Prime YG 3-4. Slaughter steers 57.00-59.25. Choice YG 2-4 55.00-58.75. Good 51.00-55.00, Standard 49.00-52.00, few Utility 45.00-50.00. Choice slaughter heifers 51.00-55.00, few 56.50, good 48.00-53.75, Standard 44.00-50.00, few Utility 40.00-48.00. Utility & Commercial slaughter cows 41.00-46.50, commercial cutters 39.00-44.00. Canner & L. Cutter 35.00-40.50, Shells down to 30.00. Few Choice slaughter bullocks 58.25-59.85, Good 50.00-57.50, few Standard 44.00-50.00. Yield Grade #1, 1000-2200 lbs. 48.75-57.50, few Yield Grade #2, 900-1600 lbs. 44.00-49.25.

FEEDER CATTLE: Choice 300-750 lbs. steers 60.00-70.00, Good & choice 300-800 lbs. 55.00-65.00. Good & choice 300-750 lbs. heifers 48.00-61.00. Good & choice 300-900 lbs. bulls 50.00-68.00.

CALVES 3648. Compared to 3887 last week and 5161 a year ago. Vealers steady to \$3.00 higher. Prime vealers 95.00-117.00, Choice 80.00-98.00, Good 72.00-85.00, Standard & Good 90-120 lbs. 65.00-75.00, 70-90 lbs. 55.00-65.00, Utility 50-110 lbs. 40.00-60.00.

FARM CALVES: Very active. Holstein bulls 90-120 lbs. 68.00-100.00. Holstein heifers 85-140 lbs. 68.00-130.00.

HOGS 6411. Compared to 7806 last week and 7702 a year ago. Barrows and gilts

strong to \$1.50 higher. US No. 1-2 200-240 lbs. barrows & gilts 52.00-53.50, No. 1-3 200-250 lbs. 50.50-52.50, No. 2-3 190-270 lbs. 48.00-50.50. No. 1-3 140-190 lbs. 40.00-49.00. SOWS weak to \$2.00 lower. US No. 1-3 300-600 lbs. sows 38.00-44.50, No. 2-3 300-700 lbs. 35.00-41.00. BOARS 32.00-38.00.

FEEDER PIGS 1626. Compared to 1873 last week and 2167 a year ago. Steady to \$3.00 lower. US No. 1-3 20-35 lbs. feeder pigs 19.00-37.00 per head, No. 1-3 35-50 lbs. 32.00-50.00, No. 1-3 50-75 lbs. 40.00-61.00. **GRADED FEEDER PIGS 2381.** ALL SALES CWT. Compared with 3386 head last week, and 1345 head a year ago. Feeder pigs grading 1-2, \$2.00-6.00 lower, 2-3 15.00-21.00 lower. US No. 1-2 25-40 lbs. 98.00-122.00, 40-50 lbs. 94.00-122.00, 50-65 lbs. 82.00-100.00; US No. 2-3 25-40 lbs. 76.00-97.00, 40-60 lbs. 61.00-85.00.

SHEEP 399. Compared to 374 last week and 696 a year ago. Woolled slaughter lambs mostly steady to \$1.00 higher. Choice 60-120 lbs. 58.00-69.00, few 79.00, Good 50-110 lbs. 45.00-62.00. Slaughter ewes 12.00-30.00.

Middleburg Auction

Middleburg, Pa. December 12, 1978

CATTLE 195. Compared with last Tuesday's market, slaughter cows steady to 50 cents lower. Few Good to Low Choice slaughter steers 51.00-55.00, Standard 49.00-52.25, couple to 54.00, few Utility 45.50-48.00. Few Standard slaughter heifers 47.00-49.50, few Utility 40.25-45.75. Utility & Commercial slaughter cows 41.00-45.60, couple to 46.60, Cutters 40.00-43.00, Canner & Low Cutter 36.50-40.85, Shells down to

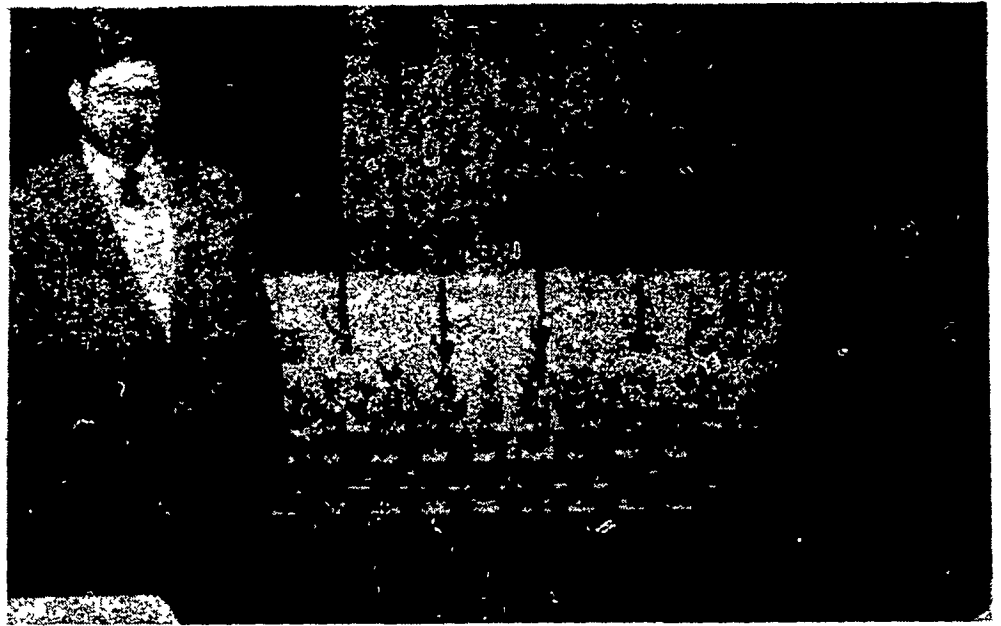
32.00. Couple Good slaughter bullocks 54.75 and 55.00, few Utility 46.75-52.50. Yield Grade #1 1150-1850 lbs. slaughter bulls 49.85-55.60. Few Good 350-600 lbs. feeder steers & bulls 56.00-68.00; few Good & Choice 400-700 lbs. feeder heifers 53.00-60.00.

CALVES 161. Vealers \$2 to \$3 higher. Couple Prime vealers 98.00, Choice 86.00-95.00, Good 75.00-85.00, Standard & Good 90-110 lbs. 66.00-70.00, 70-85 lbs. 54.00-66.00, Utility 50-110 lbs. 40.00-50.00. Farm calves, holstein bulls 85-120 lbs. 60.00-96.00; holstein heifers 80-150 lbs. 66.00-121.00.

HOGS 623. Barrows & gilts \$1.75 to \$2.25 higher. (TUESDAY HOGS 76). US No. 1-2 200-230 lbs. barrows & gilts 52.00-53.85, No. 1-3 190-250 lbs. 51.00-52.00, No. 2-3 200-270 lbs. 49.00-51.00. US No. 1-3 300-600 lbs. sows 38.50-42.50. Few Boars 35.00-38.50.

FEEDER PIGS 520. US No. 1-3 12-15 lbs. feeder pigs 15.00-19.00 per head, No. 1-3 20-35 lbs. 23.00-37.00, No. 1-3 35-50 lbs. 34.00-51.00, No. 1-3 50-65 lbs. 47.00-61.00, Utility 25-50 lbs. 20.00-43.00 per head.

SHEEP 4. Few Choice 80-90 lbs. woolled slaughter lambs 55.50-58.00.



Wayne Moree, left, general manager of Hy-Cross, and Frank M. Loew, Jr., sales manager, presented 57 awards to Lancaster County poultry producers last week. (See Story Page 36)

MASTER-MATIC SILO SYSTEM

FICKES SILO COMPANY, INC.
NEWVILLE, PENNA. 17241

Please send information on Fickes Master-Matic Silo System and Silage Master Silos

Stock Cherokee Trailers

Please send me information on: ☐ Fickes Silos
☐ Please send me color catalog on the Cherokee horse stock trailers and GN flatbeds.

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Address _____

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Fickes Silo Company Inc.

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Phone - 717-776-3129

Trailers well worth their cost

NEW 14" ELECTRIC

REMINGTON SUPER DELUXE LIMB N' TRIM 14 ELECTRIC CHAIN SAW

THE WORLD'S LOWEST PRICED LIGHTEST WEIGHT

14" ELECTRIC CHAIN SAW

- BIG 14" SPROCKET NOSE GUIDE BAR CUTS TREES UP TO 28" THICK
- COMFORT CUSHION HAND GRIP
- HIGH PERFORMANCE 2 HP MOTOR
- DOUBLE INSULATED
- SAFETY TRIGGER LOCK
- UL APPROVED

Ernest B. Clauser
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SUCCESSOR TO BENJ. W. CLAUSER
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- GRAIN BINS
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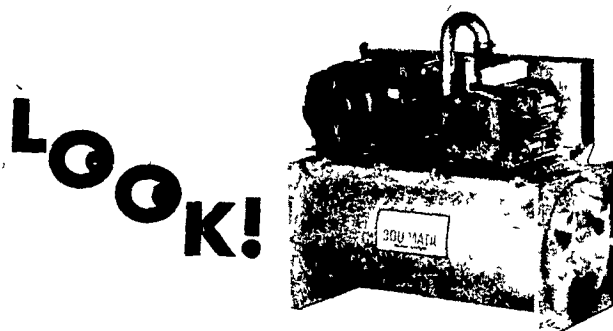
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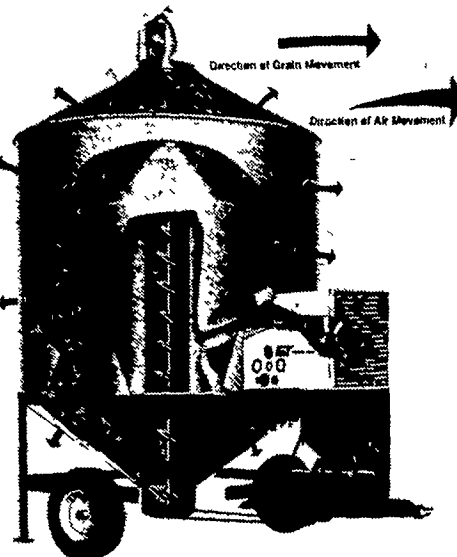


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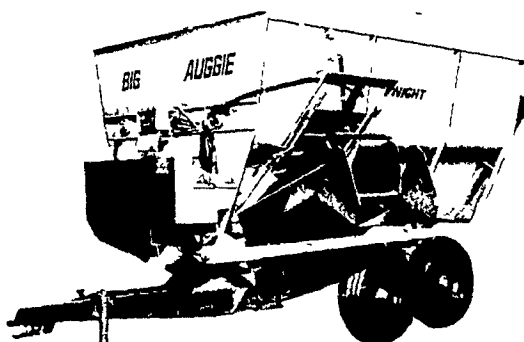
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Livestock market and auction news

Omaha Cattle

December 14, 1978

CATTLE: Compared with previous week's close. Closing prices on slaughter steers were 75-1.25 higher, instances 1.50 up late and heifers closed 1.00-1.25 higher, instances 1.50 up. Cows were firm to 50 cents higher, bulls fully steady, instances 50-1.00 higher.

Four day receipts this week 17,900, last week 17,600, a year ago 18,600.

Good demand characterized the fed cattle trade during the week under review; a stronger trend prevailed each day even on a Monday run of 8000 head. Some early price stimulation was provided by purchases to fill commodity contracts, but this was not an influential factor locally on later days. Many cattle cleaned up a bit from the mud problem over the cold weekend, but feedlot conditions again worsened with the return of warmer

weather and mud problems again surfaced. Muddy cattle frequently sold 50-1.00 per cwt below clean lots of same grade. The overall finish of the steer and heifer supply was rather attractive with a fairly liberal percentage choice and a moderate volume choice and prime; also there was somewhat less price pressure on well finished consignments of mixed 3-4 yield grade. Slaughter steers made up approximately 45 pct. and heifers 33 pct. cows comprised 11 pct., feeders only 6 pct.

STEERS: At week's high time, load choice with few prime predominantly 3 1076 lbs. 56.50, load choice and prime 3-4 1251 lbs. 56.25, load same grade 1165 lbs. carrying moderate amount of mud 56.00. Choice 2-4 relatively clean 1000-1325 lbs. 55.00-56.00, some mostly choice carrying heavy coating of mud 54.50-54.75 at midweek. Mixed good and choice 2-3 1000-1250 lbs. 54.00-55.50 late. Good 2-3 50.00-

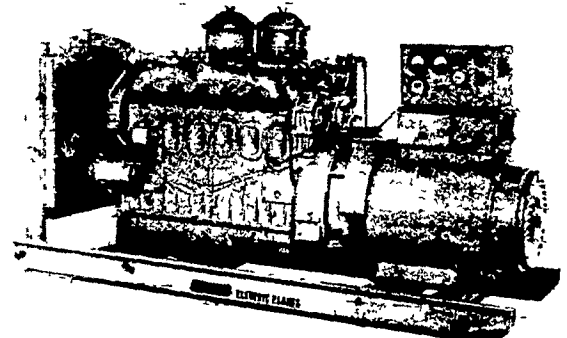
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1 load Purebred and Holstein Cows consigned by H.D. Matz.

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HEIFERS

BULLS

Livestock market and auction news

Omaha Cattle

(Continued from Page 13)

54.00. Load good and choice 2-3 1356 lb. holsteins 52.00, three loads good 1300 lbs. 50.00.

Average of LS-214, detailed quotations for choice 900-1100 lb. steers this week 55.35; choice 1100-1300 lbs. 55.42. Average weight

heifers first three days 1010 lbs. as compared 1011 lbs. previous week.

HEIFERS: Part load choice and prime 3-4 1003 lbs. 55.00, two loads same grade 3-4 1053-1104 lbs. 54.75. Choice 2-4 900-1075 lbs. 53.25-54.50. Mixed good and choice 2-3 850-1000 lbs. 52.00-53.50. Good 2-3 48.50-52.00.

COWS: Utility and commercial 2-4 40.50-42.00, few 42.50-43.00. Cutter 39.00-

41.00. Canner and low-cutter 37.50-39.50. BULLS: 1-2 1400-2000 lbs. 46.00-51.00, individual 1. 52.00-53.00.

Market courtesy of USDA.

Lebanon Valley Auction

Fredericksburg, Pa.

December 12, 1978

CATTLE 229. Compared with last Tuesday's market,

slaughter steers steady to strong. Slaughter cows mostly 25c-\$1.25 higher. Two High Choice 1240 and 1525 lbs. slaughter steers 56.00-57.00, Choice 2-4, 1050-1550 lbs. 55.60-56.85, Good 52.85-56.10, Standard 50.00-53.25, few Utility 48.00-50.00. Choice slaughter heifers 51.10-53.85, few Standard and Good 48.25-51.00, few Utility

44.00-48.00. Utility and Commercial slaughter cows 43.00-45.85, few to 48.00, Cutters 41.75-44.35, Canner and Low Cutters 36.50-41.00, few Shells down to 30.00. Good and Choice slaughter bullocks 52.75-54.85, one at 55.75, few Standard 50.10-53.00. Few Yield Grade No. 1, 1460-1905 lbs. slaughter bulls 52.85-56.85. Choice 355-400 lbs. feeder heifers 55.75-57.75.

CALVES 200. Vealers mostly \$1 lower. One Prime vealer at 93.00, few Choice 81.50-89.00, Good 69.00-79.50,

Standard & Good 90-120 lbs. 68.00-77.00, 65-90 lbs. 59.00-68.50, Utility 50-115 lbs. 40.00-58.00. Farm Calves: Holstein bulls 90-120 lbs. 75.50-93.00; Holstein heifers 75-135 lbs. 85.00-118.00, few to 129.00.

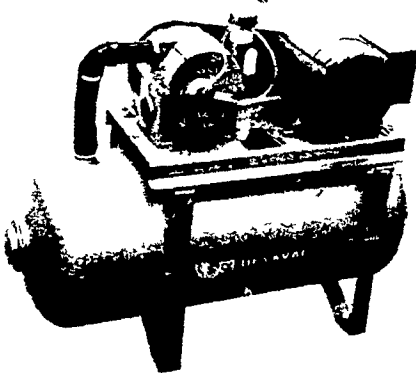
HOGS 387. Barrows and gilts 50c-75c lower. US No. 1-2 200-250 lbs. barrows and gilts 51.00-51.75, two lots 52.10 and 52.50, No. 1-3 195-245 lbs. 50.35-51.10, No. 2-3 190-245 lbs. 49.35-50.00, few 280-325 lbs. 42.00-48.25, few No. 1-3 170-175 lbs. 44.25-47.75. US No. 1-3 280-585

(Turn to Page 16)

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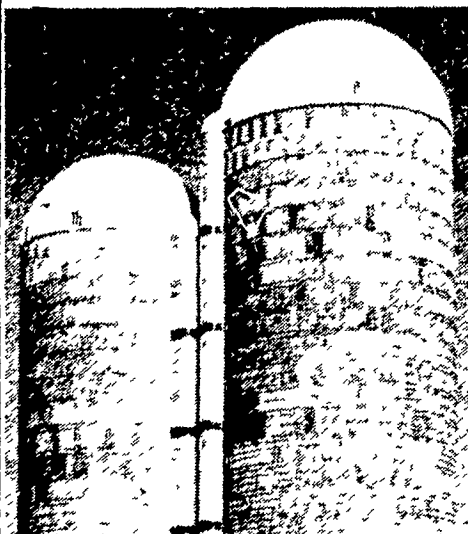
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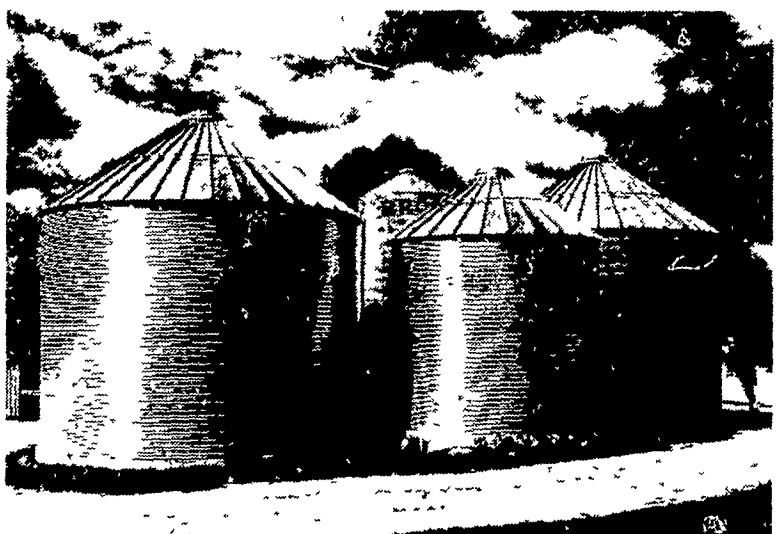
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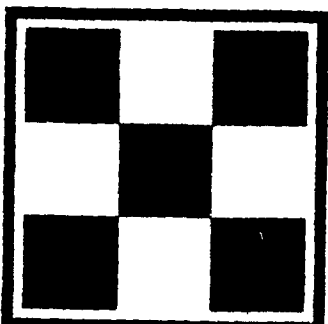


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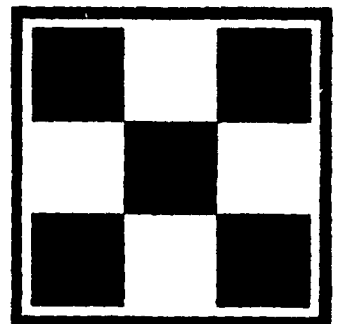
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- Bait with Starlicide on the 2nd day following a snow on frozen ground. Best results are obtained when all producers in an area bait on the same day.



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Livestock market and auction news

Lebanon Valley

(Continued from Page 14)

lbs. sows 41.00-43.00, one at 46.35, No. 2-3 370-755 lbs. 39.00-41.00, few down to 32.25. Boars 37.00-39.50.

FEEDER PIGS 50. US No. 1-3 (lot) 45 lbs. feeder pigs at 100.00 per hundredweight, No. 1-3 60-85 lbs. 77.00-84.00, Utility 30-50 lbs. 30.00-39.00 per hundredweight.

SHEEP 2. One Choice 85 lbs. woolled slaughter lambs at 58.50. One Yearling at 34.00.

New Holland Horse

New Holland Sales Stables
Monday, Dec. 11, 1978

Reported receipts of 341 horses, mules, and ponies. Market stronger than last week's market.

Local work horses 850-1075; driving horses 250-600; riding horses 225-350; better horses 375-1025; lightweight killers 250-325; heavyweight killers 350-535; mare ponies 20-60; colts 10-20; geldings 20-55; larger ponies 75-225.

Oklahoma Cattle

December 14, 1978

Thursday feeder cattle auction and weekly summary estimated receipts: 4500. Same day last week:

3825. Fairly active; feeder cattle and calves steady to firm; majority receipts choice 300-800 lb. feeder steers and 300-650 lb. feeder heifers; moderate attendance of buyers.

FEEDER STEERS: Choice, few prime 250-300 lb. 87.25-93.50; 300-400 lb. 84.25-93.00, part load 304 lb. 95.50; 400-500 lb. 80.50-87.00; small lot 422 lb. 89.00; 500-600 lb. 73.00-79.25, package 518 lb. 80.50; 600-700 lb. 69.50-74.25, part load and small lot 602-603 lb. 75.00-76.50; 700-800 lb. 66.25-71.00; few 800-850 lb. 65.50-67.00, part load 801 lb. 68.75; mixed good and choice 300-500 lb. 75.25-80.50; 500-600 lb. 69.25-73.75; 600-700 lb. 63.50-67.50; 132 700-900 lb. 62.25-64.25; few good 300-500 lb. 69.25-71.50; 500-600 lb. 64.50-68.75; 600-700 lb. 60.25-61.25; few good 400-500 lb. holstein steers 63.25-65.50, package 285 lb. 69.50; 500-750 lb. 58.00-60.25.



FEEDER HEIFERS: Choice, few prime 250-300 lb. 74.00-79.50; 300-400 lb. 72.00-75.50; 400-500 lb. 69.25-75.00; 500-600 lb. 64.75-70.75, mostly 65.75-69.00; 600-700 lb. 60.50-63.00; part load 709 lb. 62.90; package 805 lb. 57.50; mixed good and choice 300-500 lb. 66.00-71.50; 500-600 lb. 61.50-64.75; package 797 lb. 55.40; good 300-500 lb. 64.50-66.00; few 500-600 lb. 54.25-61.50.

FOR THE WEEK: Compared to late last week feeder calves under 500 lbs. 3.00-5.00 higher; feeder cattle over 500 lbs. 1.00-3.00 higher; cows closed uneven, utility and commercial steady to firm; cutter 1.00-2.00 higher, late sales utility and commercial 2-3 43.00-47.30; cutter 1-3 38.50-44.25; bulls closed near steady, week sales consisted of YG 1-

2 1000-1500 lb. 47.00-55.00; salable receipts near 12,200 head compared to 17,278 head last week and 15,028 head the same week a year ago. Cows and bulls near 16 percent of cattle receipts, feeders near 84 percent of the total.

COWS: High Choice to Prime 41.75-44.50; Good to Standard 42.50-43.25; Utility 41.75-42.50; Cutters 39.50-41.50; Canners 34.00-38.50.

CALVES: Prime 240-300 lb. 78.00-88.00; High to Choice 140-180 lb. 75.00-86.00; Good to Choice 120-140 lb. 70.00-86.00; Standard to Good 90-110 lb. 65.00-80.00; Utility 75-85 lb. 55.00-62.00; Low Utility 65-75 lb. 48.00-57.00.

FEEDER PIGS: 30-35 lb. 33 to 38.50 by hd.; 35-40 lb. 36 to 41 by hd.

HOGS: 180-240 lb. 49.50-52.50.

SOWS: 36.00-37.50.

Hunter's Auction

December 11, 1978
Rising Sun, Md.

STEERS: High Choice an Prime 55.00-58.00; Good to Choice 49.00-51.00.

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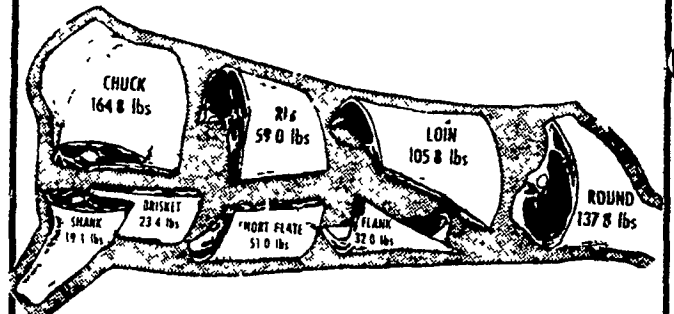
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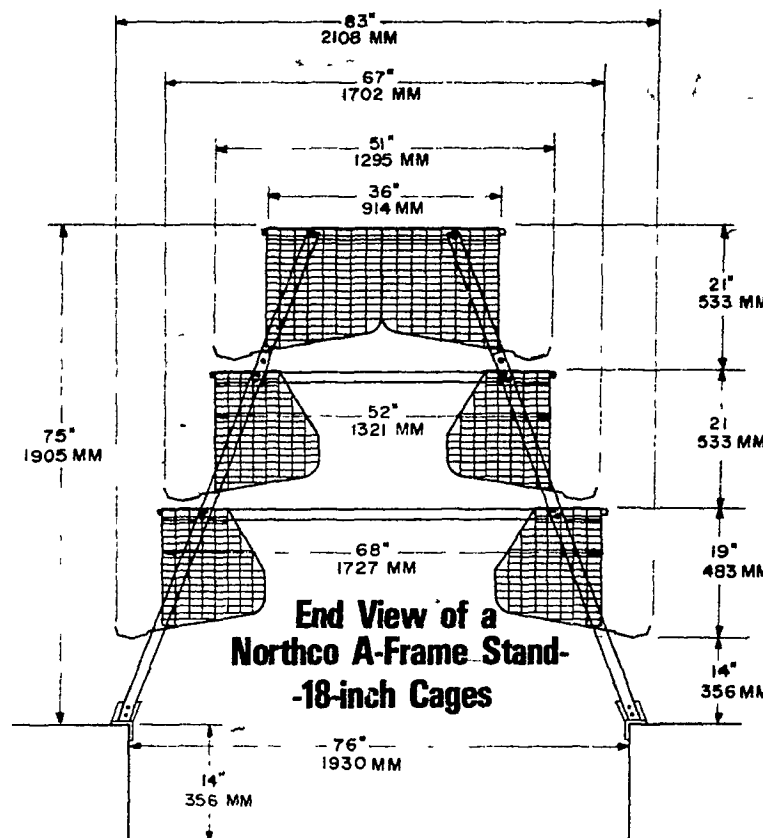
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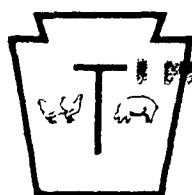
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Dechant urges trade with poor nations

COLLEGE STATION, Tex. — Those who would like to see a significant expansion of U.S. farm exports should focus on measures which will improve the purchasing power of people in less developed nations

rather than to concentrate on trade liberalization tactics, NFU President Tony T. Dechant has told the National Farm Summit at Texas A&M University. Most of the recent grains in U.S. farm trade have been

due to growth in purchasing power and demand, rather than through liberalization of trade barriers or dismantling the domestic farm support programs of other nations, Dechant said. Also president of the Inter-



Tony Dechant

national Federation of Agricultural Producers, Dechant contended that the export gains of the past two decades have had little or nothing to do with attempts to undercut world prices and take away markets from farmers of the other countries. "It was the 'pull' of economic demand which brought our farm products into Japan, Western Europe, and other markets rather than our efforts to penetrate markets through price cutting."

The development of a new

Lancaster Farming, Saturday, December 16, 1978—17

international wheat agreement to lift world wheat prices at least to \$4.00 a bushel would be in the best interests of producers and consumers here and elsewhere, Dechant claims. "It makes no sense for the export countries to sell their grains at clearance

prices," he said. "We could add a dollar a bushel to the prevailing prices of corn, wheat, and soybeans without losing any appreciable market volume and, in the bargain, improve our agricultural trade balance by four to five billion dollars a year."

TB testing

(Continued from Page 1)

the Bureau of Animal Industry does not permit complete state-wide testing at one time, and therefore, initial testing will be in high tuberculosis risk areas. Plans are to test all Pennsylvania dairy herds during the next three years.

The Bureau of Animal Industry conducted a complete tuberculosis testing program in seven counties last year. This method of surveillance, plus

surveillance at federal inspection slaughter plants is essential to the control and eventual eradication of the disease.

Over 4,000 Pennsylvania dairy herd owners have their herds tested annually (at their expense) as an important part of the tuberculosis eradication program. Herds tested under his plan are accredited as tuberculosis-free. No other state has as many farmers participating in this "Individual Plan."

Summit

(Continued from Page 1)

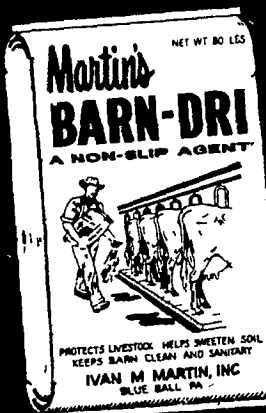
the development of a Washington D.C. based forum which would serve to bring together all of the major farm and commodity groups and other groups within the food system to discuss policy issues on a continuing basis. This recommendation came from a task force report on "Agriculture's Role In Government Decisions" chaired by Dr. John Kramer, Associate Dean of Georgetown University Law Center.

The packed sessions included lively give and take discussions among a diverse

group which has never assembled for these purposes. Participation ranged from individual farmers to top officials of major agribusiness companies, economists and university administrators, farm and commodity organizations, the banking community, major U.S. trading partners, and spokesmen for Congress, the White House and U.S. Department of Agriculture.

Other reports on the Summit's activities and conclusions may be found elsewhere in this edition of Lancaster Farming.

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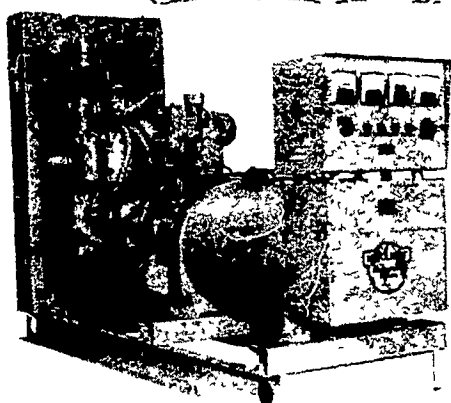
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Nov. milk price \$11.85

ALEXANDRIA, Va. — Market Administrator Joseph D. Shine recently announced a November 1978 base milk price of \$11.85 per hundredweight for the Middle Atlantic Marketing Order and an excess milk price of \$10.45. The weighted average November price is \$11.75 and the butterfat differential for the month is 13.9 cents. The November base milk price is up 29 cents from October and is \$1.26 above the November 1977 base price. The gross value of all producer milk was

\$49.7 million. Deductions for the Advertising and Promotion Fund totaled \$295.0 thousand in November. Order No. 4 prices are announced for 3.5 per cent milk f.o.b. plant location within 55 miles of Philadelphia, Pa. and also within 75 miles from the nearer of Washington, D.C. or Baltimore, Md. There is a 6-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia. Shine reported that

November producer milk receipts totaled 421.5 million pounds, an increase of 0.5 per cent from the previous month, on a daily average basis. The total number of producers reported was 7,349, a decrease of 110 from October. The average daily delivery per producer was 1,912 pounds, up from 1,903 pounds in October and down 19 pounds from a year ago. Class I producer milk accounted for 58.82 per cent of total November producer deliveries compared to 56.48 per cent in October and 60.40

per cent last November. Base milk accounted for 93.37 per cent of total November production compared to 93.24 per cent the previous month and 91.31 per cent a year earlier.

Middle Atlantic Order pool handlers reported Class I in-area milk disposition of 7.0 million pounds per day during November, a decrease of 1.0 per cent from October, after adjustment for variation in calendar composition.

Slaughter steers up

(Continued from Page 1)

pounds, which brought 57.10-58.35. Choice, mainly yield grade 2, weighing 1075 to 1425 pounds brought 58.00 to 58.75, with six head reaching 59.25 to 59.50; Choice, yield grade 2 to 4, at 1000 to 1425 pounds, went for 55.75 to 58.00; with high good and low choice, yield grade 2 to 3, 54.25 to 56.00. Good, yield grade 2 to 3, sold for 52.00 to 54.50, and there were a few standard, yield grade 1 and 2, at 50.75 to 52.75.

On Wednesday, December 13, at the Lancaster Stockyards, slaughter steers were quoted as firm to 50 cents higher, compared to Monday's market. High choice and Prime, yield grade 3 to 4, weighing 1150 to 1300 pounds, brought 57.25-58.25; choice, mainly grade 2, weighing 1075 to 1325 pounds, brought 57.25 to 58.25, and choice, yield grade 2 to 4, at 1000 to 1400 pounds, brought 55.50 to 57.50.

At New Holland Sales Stable, at the Thursday auction, compared to the week before, slaughter steers were quoted as firm to 50 cents higher. High choice and prime, yield grade 3 to 4, weighing 1075 to 1325 pounds sold for 57.75 to 59.25; Choice, mainly grade 2, weighing 1050 pounds to 1375 pounds brought 57.75 to 59.75, with ten head bringing 60.00 to 61.00. This is the third

week in a row that slaughter steer prices at the New Holland Sales Stables topped the sixty dollar mark.

Summing up the Lancaster County area, the Lancaster Weekly Livestock market reports that for Friday December 15, for the week slaughter steers were firm to 50 cents higher, reporting prices of 57.25 to 59.25 for high choice and prime, yield grade 3 to 4 steers weighing 1075 to 1400 pounds.

Finally according to the Pennsylvania Auction Summary of 14 livestock auctions throughout the state, slaughter steers were quoted as being steady to \$1.00 higher, compared to last week's market.

For a more complete market picture, see the market pages in Lancaster Farming, beginning on page 2.

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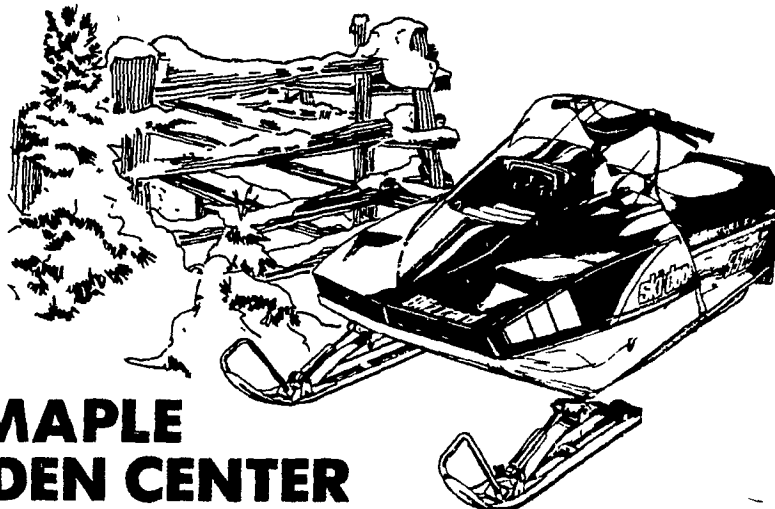
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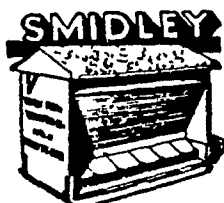
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Moyer

(Continued from Page 1)

the honor for the most milk per cow under Berks County's program and a year ago he was second for both milk and fat.

When Moyer began managing a dairy farm in

1970 it was the realization of a life-long ambition, Moyer recalled recently during a conversation in his kitchen. "The farm is owned by Robert Junge, a minister who got a hold of me and asked me if I'd be interested in farming for him. He wanted beef cattle but I told him I didn't know much about beef. I felt I didn't

have an eye for it and couldn't do a good job. So Junge checked with Penn State and we went into the dairy business.

"I looked for good-uddered cows with a good top line, and good legs and feet. In other words, good, sound dairy animals.

"My goals and my ideals of what a cow should look like have changed since then. Back then a good cow was one which classified Good Plus and produced 16,000 pounds of milk. They're the kind I was looking for.

"Today, I generally figure if a cow can't make 20,000 pounds of milk per year by the time she's a 3 or 4-year old, she can't stay. I'm now looking for cows which would classify Very Good to Excellent."

The most recent classification average at Junge Farms boasts 106.8 per cent B.A.A. The herd consists of four Excellents, 26 Very Goods, and all others at Good Plus. One of the Excellent cows was bred by Junge. "The others we developed here, because I had purchased them as heifers."

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Sweeping the feed back within reach of the cows is one simple procedure which Moyer has found rewarding in his dairy cow management. To him it has meant higher production at no extra cost.

For the past five years Moyer has purchased "better pedigreed cows." He believes it pays if "you have luck with them and they develop right."

Genetics, says Moyer, is unquestionably the number one variable which determines a cow's worth in the herd. "It has to be," he affirmed.

"And," he continued, "management is probably a part of genetics, because you have to manage your breeding program."

"There is no difference here in management and feeding from one cow to the next. But we have one cow in the barn which gives 15,000 pounds of milk per year, and another at nearly 30,000. The difference is genetics, not feeding or management."

"But you have to provide good feed," Moyer em-

phasized with his next breath. "We try to get the crops in good. We work pretty late and we work fast."

Junge Farms consists of 550 acres, of which 450 are tillable. The cropping program consists of 200 acres of corn, 125 of alfalfa, 85 of wheat and barley, 10 to 20 of sorghum, and about 50 of soybeans.

With a variety of abundant crops at his disposal, Moyer

(Turn to Page 22)

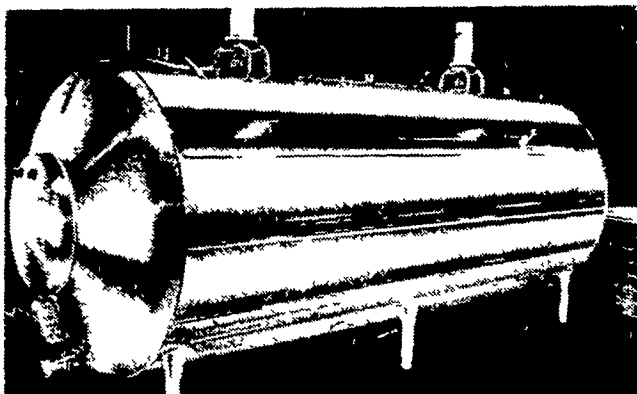
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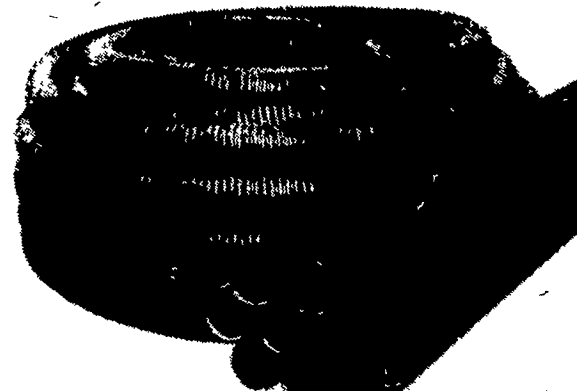
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'Farm problems have changed; solutions must too'

COLLEGE STATION, Tex. - The farm problem has changed, therefore the solutions to the problem also must change.

This was the basic message of the Task Force in charge of drawing over-all conclusions from the National Farm Summit, Dr. Ronald D. Knutson, Professor of Agricultural Policy and Extension Service Economist at Texas A&M University, said here Dec. 6.

Knutson, chairman of the Summit Review Committee,

said new dimensions of the problem include a tighter world supply-demand situation, unprecedented inflation, questions of family farm survival and nutrition issues.

"In the past, the main problem confronting agriculture was that of low prices, while today it is inflation. Rapid inflation has put the farmer in an increasingly high risk position. Farmers, particularly young farmers, are increasingly in a win-or-lose-all risk position."

The tighter world supply-demand situation also increases risk of production shortfalls, and this makes production control programs less attractive, Knutson said.

"The key to agricultural policy thus becomes one of developing programs which while lessening risk of production shortfalls do not take away the price, profit, and production incentives provided by the market system."

The ability of the family farm to survive and compete

can no longer be taken for granted, Knutson emphasized.

"The farm income problem is today centered on middle tier farmers with sales ranging between \$20,000 and \$100,000. While these farms are as efficient as their larger scale counterparts, their asset costs per dollar of investment in the farm operation is twice as high. In the process, the proportion of U.S. agricultural production on farms that are not classified

as family farms has increased to 30 percent."

Nutrition policy is also a new issue, Knutson said.

"It is one which sparked great controversy. Mounting evidence of the relation between diet, chemicals, food additives and health makes producers and firms that serve agriculture very nervous. Currently the biggest impact is on the uncertainty created by government decisions and information."

"In the longer run, however, major impacts

upon particular sectors such as livestock and dairy could result. Mechanisms for input into policy decisions must be developed with represent agriculture not as a biased advocate but as realistically attempting to solve problems in a cost and benefit contest," the A & M economist said.

The Task Force analyzed solutions in terms of alternatives.

Alternatives considered fell into the categories of transferring costs to

(Turn to Page 21)

HERE'S WHAT FARMERS ARE SAYING ... ABOUT ORTHO UNIPEL FERTILIZER



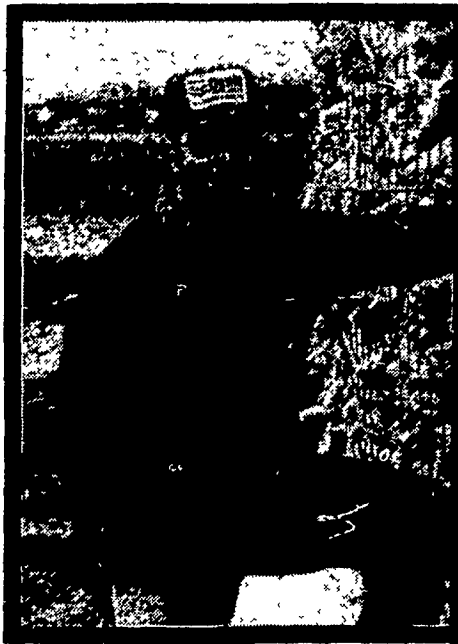
Noah Kreider & Sons Route 7, Manheim, Pa.

This was our first year with the Unipel 20-10-10 fertilizer from P.L. Rohrer & Bro., Inc. We used 1400 lbs. per acre Unipel 20-10-10 on 300 acres of potatoes. Both size and quality of potatoes were excellent. We liked the storeability and handling of Unipel fertilizers. Unipel 20-10-10 was delivered in January, 1978, and not used until April. The Unipel fertilizer gave us no problems through the planters when it was applied. We liked its uniformity especially as it gave excellent yields. We plan to use Unipel fertilizers again next year.



Young Bros., Earl Young Route 1, Peach Bottom, Pa.

"I farm about 325 acres and have been using Ortho Unipels for two years. My fertilizer program last year was 700 lbs. per acre of Unipel 21-7-14 plowed down in the spring plus 150 lbs. of Unipel 13-34-10 in the row as a starter. I like the uniformity of Unipels and know that I won't get segregation with the Unipel program."



H. Kermit Rohrer Route 3, Columbia, Pa.

We farm approximately 400 acres and have been using Ortho Unipels for two years now. Our salesman, Henry Breneman from P.L. Rohrer, recommended a program of Unipel 20-10-10 at 450 pounds per acre plowed down plus 150 lbs. of Unipel 13-34-10 as a corn starter. I really like the uniformity of Unipels and the Unipel works beautiful in my planter. I know that each pellet has N, P, K meaning a uniform plant feeding. Also, we don't have any burning of plants with Unipels. You can depend on the service from P.L. Rohrer & Bro., Inc.



G. & J. Hershey Bros. Route 1, Kinzers, Pa.

"My brother and I farm 100 acres and we have been using Ortho Unipels from P.L. Rohrer & Bro., Inc. for ten years now. Our program for corn was Unipel 20-10-10 at 600 lbs. per acre plus 150 lbs. of Unipel 13-34-10 in the row as a starter. On our alfalfa we used Unipel 10-10-30 at 300 lbs. per acre after the first and third cutting. We like the uniformity of Unipels and realize that we won't have any segregation of our fertilizer. Before switching to Unipels we had a problem with blended fertilizers in that they choked up our equipment."

P. L. ROHRER & BRO., INC.

**SMOKETOWN, PA.
PH: 717-299-2571**



**ORTHO
FERTILIZERS**

T M's Ortho, Chevron and design, Unipel, Reg U S Pat Off

Farm problems have changed

(Continued from Page 20)

domestic consumers in terms of higher prices, to foreign consumers, to producers and to government.

In seeking solutions, Knutson said, "If inflation is to be brought under control, priorities will have to be established on government expenditures. Serious consideration will have to be given in agriculture - and in other sectors of the economy - as to where priorities really lie."

The Task Force noted that it is becoming increasingly popular to think of these

policy issues in a national food policy context.

"While such a goal may be admirable, we feel the concept offers more than it can deliver," Task Force members cautioned.

The main advantages of the national food policy approach, said the Task Force, is that it helps prevent policies from being piled on top of policies. It also facilitates the packaging of policies to obtain broad-based political support needed to get favorable decisions.

The national food policy notion "creates a

requirement for the development of alliances within the food and agriculture community. Flexibilities must exist to include interests broader than the traditional agricultural establishment, such as consumer groups, environmentalists and organized labor. Such alliances, while politically appealing, also run risks," Knutson said.

Basting Fish

Baste fish with a mixture of frozen grapefruit concentrate, Worcestershire sauce and one tablespoon of oil.

OAKRYN—Fulton Grange No. 66 held their regular meeting December 11, at their hall in Oakryn with the Master Harry Baker, presiding. It was announced that the Grange will go Christmas caroling to the shut-in members December 22, leaving the Grange hall

Windy Cities

According to the national Weather Bureau, Great Falls, Montana is the country's windiest city. Oklahoma City, Oklahoma is a windy second while Boston, Massachusetts is a close third in the "Windy City" category

at 7 p.m. and returning afterward for a social hour with the youth committee in charge.

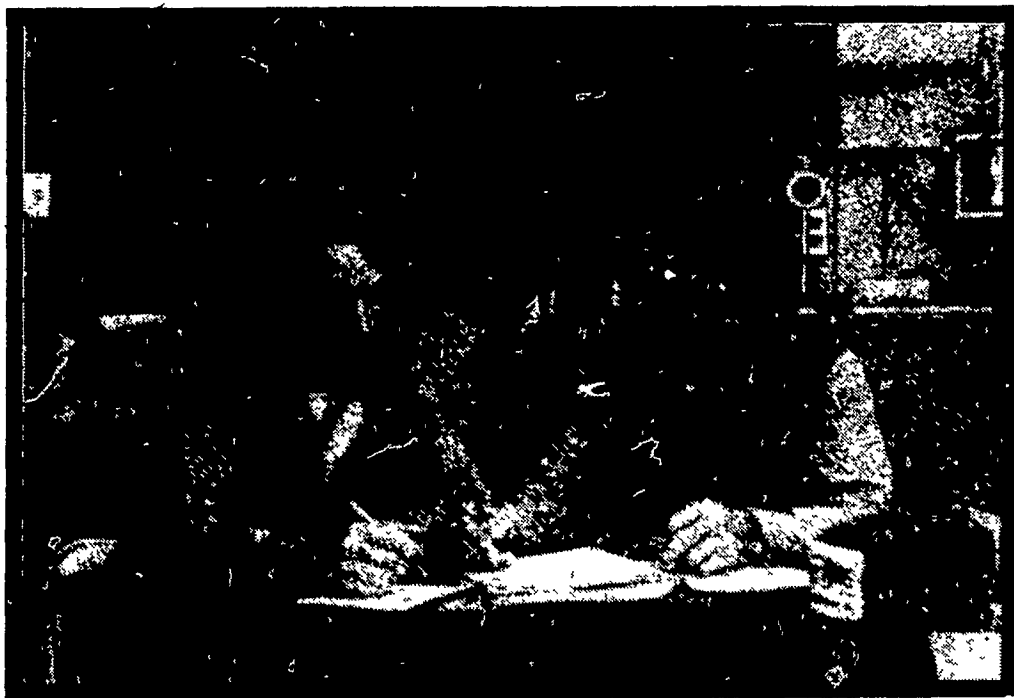
The December 25 meeting will be canceled. The next regular meeting will be held January 8. Mrs. William Rhoades reported having purchased a first-aid kit for the Grange hall from prize money received for State Grange talent participation.

Mrs. Howard Miller announced a cookie exchange will be held at the Grange's Senior Citizens meeting to be held December 20. It was also announced that the Lancaster County Pomona Grange will hold a dinner

meeting January 20 at the Robert Fulton Inn.

Mrs. Thomas Galbreath, lecturer, presented a Christmas program. Miss Allison Appleget, the Grange's Miss Solanco contestant, performed her dance routine. Mrs. William Rhoades read a poem "Christmas Is Remembering Long Ago." Santa made his appearance and presented candy canes and gifts to everyone. Mrs. Galbreath conducted a Christmas carol game. The Lecturer concluded the program with a farm parody on "The Night Before Christmas."

HERE'S WHAT FARMERS ARE SAYING ... ABOUT ORTHO UNIPEL FERTILIZER



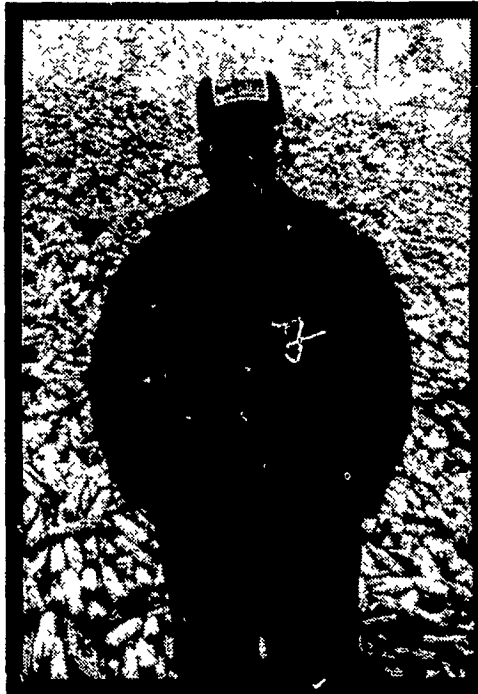
Lapp Bros.
Star Route, Limestone Rd., Cochranville, Pa.

We farm 1,020 acres in Chester County, Pennsylvania. We used the Ortho Unipel fertilizer program on all our farm. We like the handling of Unipel 13-34-10 through the planter, knowing that we receive a uniform application of plant food. "It's the nicest fertilizer we have ever used - no fines, not dust, just nice uniform pellets." Eight-hundred pounds of Unipel 21-7-14 were spread over 360 acres of corn ground last spring. We feel the uniform spread pattern gave us the precise ratio of nitrogen, phosphorus, and potassium to each and every corn plant. "It may not be the cheapest program, but it is one of the better ones." We plan to use Ortho Unipels again next year.



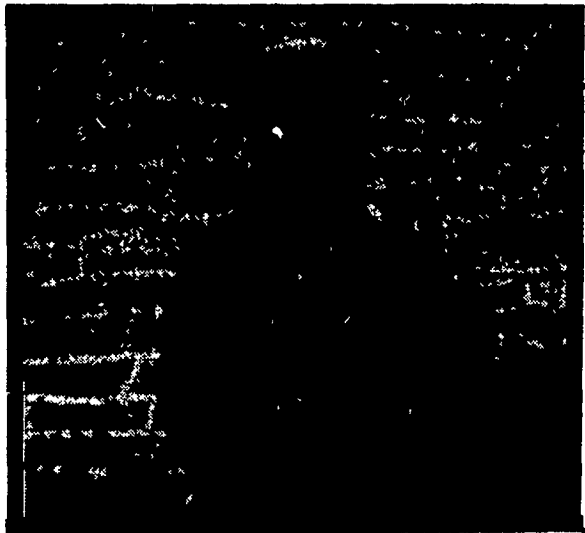
Donald E. Landis
Route 1, Myerstown, Pa.

"We farm approximately 500 acres and our fertilizer program was Ortho Unipel 21-7-14 at 450 lbs. per acre as a plow down and then 200 lbs. of Unipel 13-34-10 in the row as a starter. With Unipels we never have any lumps or caking of the fertilizer. Since switching to Unipels from P.L. Rohrer & Bro., Inc. we know that we are getting better results and bigger yields."



J. Marvin Brubaker
Route 2, Ridge Run Road
Mt. Joy, Pa.

"We farm 230 acres and have been using Ortho Unipels for 2 years now. Our salesman, Henry Breneman, recommended a Unipel program of 600 lbs. per acre of 20-10-10 and 150 lbs. of Unipel 13-34-10 in the row as a starter. We are very pleased with the Unipel program and have noticed that our corn gets off to a real good start. I believe that we get better results and greater yields with Ortho Unipels."



Mark Hitz
#1, Box 110, Lebanon, Pa.

"This past harvest was my first year with the Unipel program. I used 250 lbs. per acre in the row of Ortho 13-34-10 and compared it with a blended 8-32-16 starter. The results were amazing: Unipel program yielded 191.6 bushels per acre and blended 8-32-16 yielded 154.1 bushels per acre. That means an increase of 37.5 bushels per acre on the Unipel program. I like the uniformity of Unipels and I know we are feeding the plants uniformly. The Unipel is water soluble which means they go to work right away."

P. L. ROHRER & BRO., INC.

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**ORTHO
FERTILIZERS**

Moyer

(Continued from Page 19)

selects the feeds which best suit his program. He also provides the formula for a protein ration, which is processed for him by Albright's Mill of nearby Kempton. Primary ingredients of his grain ration are soybean oil meal, brewers' grains, oats, salt, and minerals. In addition, he adds a custom-made mineral and vitamin pack made for him by Young's Minerals of Roaring Spring.

Just having the feed is one thing, feeding it properly is another, the distinguished dairy farmer emphasizes.

"I can't stand to waste anything. If we waste too much, one of these days it's going to be taken away from us," he says.

A good broom has been a valuable production tool at Junge Farms, Moyer continued. He frequently uses it to sweep feed back within reach of his cows and has found that this simple procedure has paid off handsomely in production. In short, the cows are eating more and according to Moyer, the sweeping action keeps the feed mixed so that the cows don't just pick at grain.

Haylage and corn silage are the main roughage sources, although an average of four pounds of good quality hay are also a part of the program. He feeds haylage in the morning after milking and corn silage in the afternoon before

milking. In both cases the roughage is top-dressed with a ration of crimped high moisture shelled corn and supplement.

One of the first chores Moyer performs after the morning milking is done is to remove all of the day-old feed from the tiled, sweep-in trough. All left-overs are taken to the heifers.

Moyer considers the tiled, sweep-in trough to be a must for efficiency. "The cows seem to eat better out of it. If I was building a barn, that would be important," he acknowledges.

The Junge Farms herd of milking Holsteins remains confined to the stable for most of the day throughout the year. They're left out only for one to three hours (depending on the weather) after the morning milking. During this time they're observed for heat.

Moyer cites no significant health problems with the herd. He breeds his heifers to come fresh at between 24 and 30 months of age. The over-all breeding program might well include a dozen bulls, with each one specially mated to certain cows in the herd. The idea, explains Moyer, is to choose bulls which will correct specific faults of certain cows. He takes both production and type into serious consideration. For example, he says he'll be culling a heifer with a 22,000 pound record because she will hurt the classification average of the herd. A third factor he takes into consideration when mating

cows is public demand for breeding stock. He is very conscious of marketing not only milk, but breeding stock and has sold a number of animals to domestic and overseas buyers. Several of his bulls have been purchased by A.I. studs.

Admitting that he generally uses "better bulls" and that their semen is relatively expensive, Moyer points out the need for good calf management. At Junge Farms, that responsibility falls on Mrs. Moyer the former Karen Roeder of Sellersville. She has had only one casualty during the past three years.

Moyer takes special pride in having 18 daughters of Round Oak Rag Apple Elevation in his barn. That's just under half the herd.

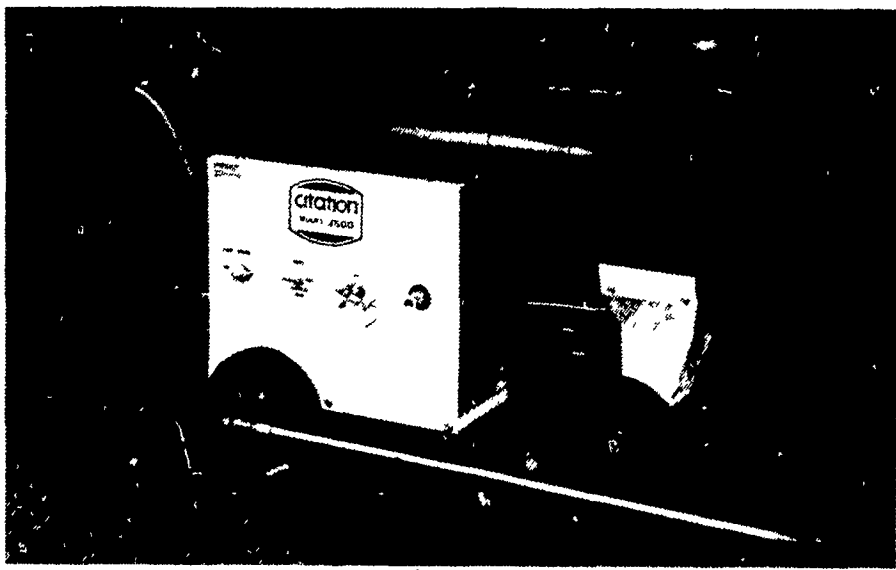
Moyer's cow stable is fairly typical of most dair barns in Pennsylvania. Two rows of chain-tie stalls are outfitted with rubber mats and a glass pipeline runs overhead. The milking is done with either three or four units, depending on the number of people involved. Usually that's two or three.

Although Moyer has some 40 acres of pasture, it doesn't get used much except by heifers.

Born and raised on a dairy farm in Bucks County, Moyer has spent nearly all of his life on farms. It's the life style he prefers and is happy with.

Also taking part in the operation at Junge Farms are his father, Garwood, and a nephew, Jay Garis. Mr. and Mrs. Moyer have three children, Leann, 9; Jason, 7; and Suzann, 5.

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Discharge rate	240 GPH
Discharge pressure	1000 PSI
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Burner	380,000 BTU,
	automatic, oil fired
	w/fuel filter & solenoid valve
	UL approved
Fuel tank (oil)	8 gallons
Fuel	Kerosene or No. 1 fuel oil

Pump	CAT®, Triplex, stainless steel
Motor	3 HP electric, 220 volt, single phase
Discharge hose	3/8" x 40 ft, 9,000 PSI burst rated
Discharge gun	(Model 3000) straight through hand wand
Discharge gun	(Model 3500) trigger type w/extension wand
By Pass	(Model 3500 only) Spraying Systems
Nozzles	(3) #8 5.0°, 15°, 40° stainless
Portability	4-2 75" x 10" rubber wheels
Dimensions	L 60" H 36" W 28"
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*Volume x Pressure

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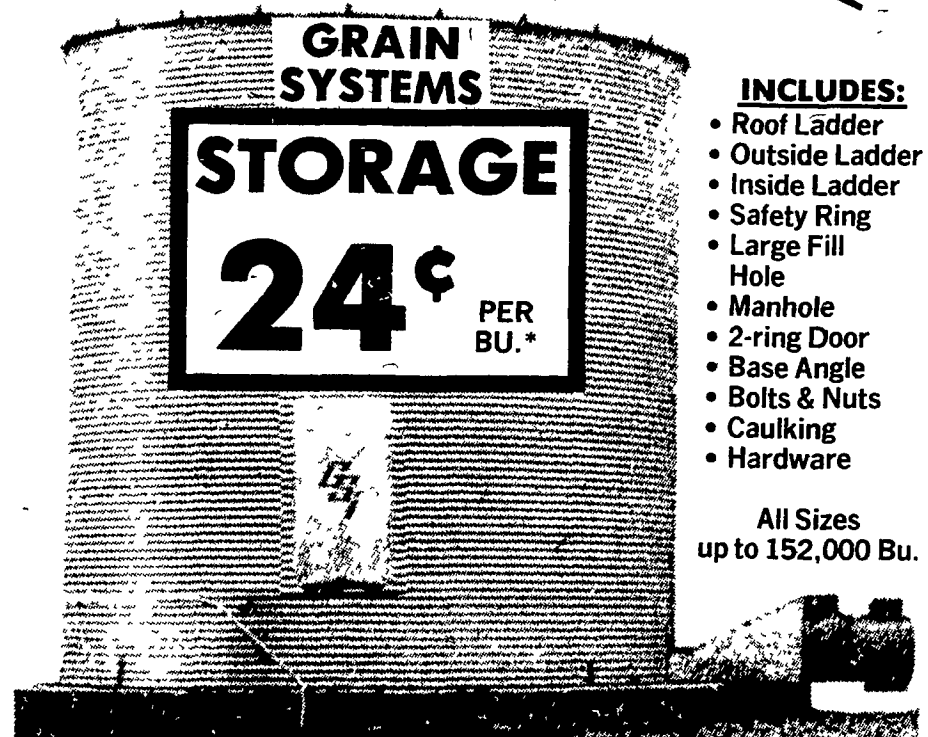
GRAIN BINS

EXTRA 10% WINTER DISCOUNT
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- Roof Ladder
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All Sizes
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GRAIN STORAGE SYSTEM, only 27 1/2¢ per bu.*

Includes complete bin, aeration fan, transition, channel-lok sub floor panels, humidistat w/cord and thermometer, unloading auger w/center well and intermediate well, totally enclosed motor w/drive kit and guard, control rods and freight

Eight Year LEASING PROGRAM only 6 3/4¢ per bu per year *

*Based on 48x9 ring bin

LOW TEMPERATURE DRYING SYSTEM, only 47¢ per bu.*

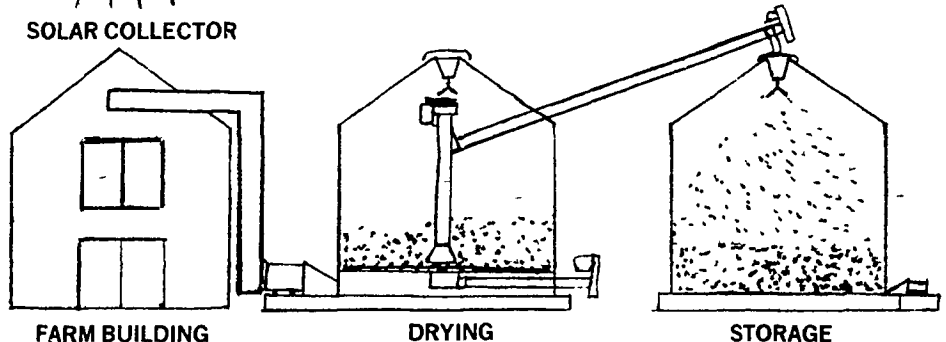
Includes bin, channel-lok floor, fan, heater, and temperature control panel which maintains plenum temperature from 7 to 10 degrees above outside temperature, or can be set to stop the heaters in good drying weather and back on if humidity is too high or temperature is too low. Freight included to our warehouse

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FLOW-MOORE CONTINUOUS FLOW DRYING SYSTEM

w/ **NEW** Electronic Moisture Control and Solar Heating Equipment

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The Most Economical Fast
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ONLY \$3865 For Flow Moore Unit
w/7 1/2 HP motor, electric panel & moisture control for
36 ft bin

HOW IT WORKS: Wet grain may be deposited into the top of the drying bin as fast as you harvest. As soon as the bottom layer of grain is dry enough the two tapered sweep augers draw it to the center of the bin, where it is picked up by the 8 vertical auger. On a single bin operation the dry grain is respread on top by the recirculation spreader. With two bins grain can be transferred to the second bin with up to 22% moisture, where it is cooled and dried down to the desired level. The electronic moisture sensor mounted on the side of the vertical auger monitors the grain. When the grain moisture exceeds the knob setting on the control panel, the augers are stopped until the grain is dry enough. The system operates automatically 24 hours a day without babysitting.

FEATURES

- Up to 50% Fuel Savings (no heat loss) Heat is absorbed as it passes up through the wet grain at the same time grain is preheated as it moves down to the final drying area
- Two Taper Sweep Augers assures positive movement and blends grain (no stalling)
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WANTED - DEALERS & SALESMEN IN SOME AREAS OF:
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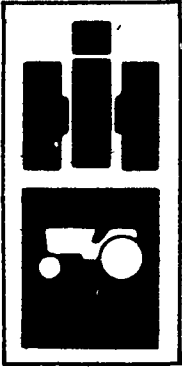
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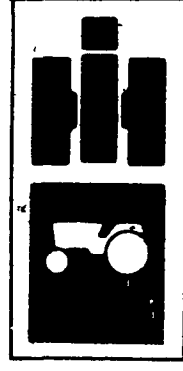
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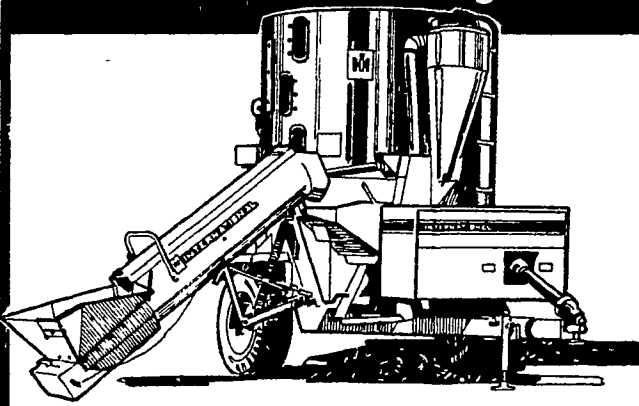
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Feed making made easy



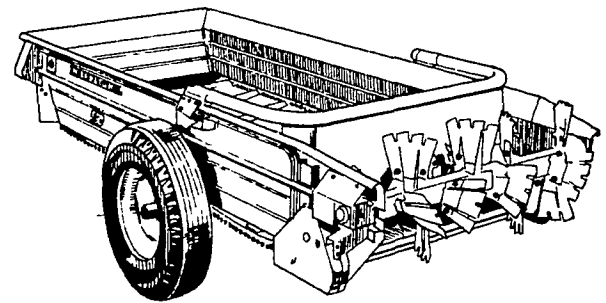
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RELIABLES

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RED POWER
SAVE

Move big
volumes fast



International® 500 Series Spreaders

Find the spreader you need in the International line-up of 5 high-performance models. The single-beater unit has high-strength spring-steel paddles with staggered cutting "bear claws" to tear and shred packed and frozen chunks thoroughly, then spread material into the pattern you prefer

- Sizes from 148 to 313 cu. ft. (rated heaped boxes)
- A-frames extend back to wheels, preventing box twisting and jerking
- Corrosion-resistant steel box sides on 4 smaller models guaranteed for the life of the spreader
- Slurry pans and hydraulic endgates available for liquid-type manures

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AND TAKE ADVANTAGE OF
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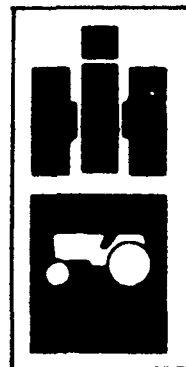
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Atlantic employees honored



At a banquet at Bird-In-Hand Restaurant, for headquarters: David Yoder, general manager, presented awards to Connie Gross, Lancaster - 15 years, receptionist-secretary; Elaine Lapham, Lancaster - 10 years, data processing; Ira

Mellinger, Lancaster - 25 years and NAAB Quarter-Century, distribution; Clair Miller, Mt. Joy - 10 years, direct-herd sales; Wilmer Stauffer, Washington Boro - 5 years, distribution.



At a banquet at Bird-In-Hand Restaurant, December 8 for Areas 1 & 6: N. Alan Bair, member/public relations director, presented awards to Robert McDowell, Atglen - 90,000 first services; Paul Werner, Mt. Joy - 70,000 first services; John Reinford, Telford - 25 years and NAAB Quarter-

Century plaque; Theodore Leofsky, Coatesville - 25 years and NAAB Quarter-Century plaque; Arthur Ehrhart, Rising Sun, Md. - NAAB 35,000 first services; Charles Hendricks, Elverson - NAAB 35,000 first services.



N. Alan Bair, presented awards to, left to right, Clair Ritchey, Coatesville-30 years; Carl Eshleman, Halifax - 20 years; Daniel Hudson,

Viola, Del. - 10 years; David Zimmerman, Denver - 5 years; Lloyd Peterson, Lebanon - 10 years and 20,000 first services.

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The size of check you receive depends on month you buy.

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1425 SP Baler 1100, 1112 Windrowers 1495 Mower-Conditioner	 \$ 900 ..	\$ 800 ..	\$ 700
500 Baler 1034, 1063 Bale Wagons	 \$ 600 ..	\$ 500 ..	\$ 400
782, 892 Forage Harvesters	 \$ 500 ..	\$ 400 ..	\$ 300
425, 430 Balers 1002, 1036, 1037 Bale Wagons Combine Corn Heads	 \$ 400 ..	\$ 300 ..	\$ 200
495 Mower-Conditioner All Round Balers 1052 Stack Retriever	 \$ 300 ..	\$ 200 ..	\$ 150
707, 718 Forage Harvesters 478, 488, 489 Mower-Conditioners 310, 315, 320 Balers	 \$ 200 ..	\$ 150 ..	\$ 100
34, 38 Crop-Choppers 8 Crop Carrier 442, 462 Disc Mowers	 \$ 150 ..	\$ 120 ..	\$ 90
All Rakes All Forage Blowers All Sicklebar Mowers 70 Bale Thrower	 \$ 60 ..	\$ 50 ..	\$ 40

Note: Program includes new products as listed above plus new discontinued models of these products. Sperry New Holland reserves the right to cancel Winter Buyer's Option or any part thereof at any time. However, any transactions that have been made before the cancellation date will still earn a dividend.

It's Winter Buyer's Option time at your Sperry New Holland dealer's. The program starts December 1, 1978, and runs through February 28, 1979.

Option #1. Buy now by paying cash, or using the regular Sperry New Holland Purchase Plan, and get a cash bonus. Just note that the sooner you buy, the bigger the size of the bonus check that we'll send you shortly after settlement.

Option #2. Buy now under the Free Finance provisions of the Sperry New Holland Purchase Plan, but with no cash bonus.

Choose just one. In either case, you may also qualify for a 10% investment tax credit... and an extra 20% first-year depreciation allowance, up to \$2,000, if you place your equipment in service before December 31, 1978.

If you're going to need new equipment next spring, why not buy it now and receive a cash bonus or enjoy Free Finance.

Make sense? Then see your Sperry New Holland dealer for details. The sooner the better.

Sperry New Holland is a division of Sperry Rand Corporation.



**Your nearby Sperry New Holland Dealer is listed on the facing page.
There's no better time to save than today!**

SPERRY NEW HOLLAND

PFA slates meetings on workmen's compensation

HARRISBURG - "Pennsylvania has one of the highest levels of abuse in the nation in the area of workmen's compensation," says Jan Carson, director of the Pennsylvania Agriculture Employees Division (PAED), a service branch of the Pennsylvania Farmers' Association.

Organized in 1973, PAED's purpose is to monitor the unique and sometimes tangled web of regulations that affect agriculture hiring. The PFA branch is one of only four such

organizations in the country specifically designed to assist agriculture employees in interpreting laws and regulations applicable from both state and national levels.

Informational meetings by PAED have been set up across the state during December for farmer employers to become acquainted with current labor problems. Ms. Carson is chairing the sessions, which began in Northwest Pennsylvania this past week.

Workmen's compensation

reform is a foremost goal of the PAED group, with hopes to curtail steeply climbing rates and almost unlimited payment, in some cases, to workers injured in job-related incidents.

Other key topics to be covered in the meetings include up-dates on regulations by the Occupational Safety and Health Administration (OSHA), especially proposals pertaining to pesticide usage, funding of the Comprehensive Employment Training Act (CETA),

monitoring of organized labor unions, rulings by the Department of Justice, wage and hour regulations, child labor laws and student employment certification and state agency activities.

"We invite all farmers, not just members of PAED and PFA, to attend these sessions and become more aware of the farm-labor situation," stresses Ms. Carson.

Reservations are required for the luncheon meetings, with a fee of \$6.00 to cover the cost of both registration and the meal and can be arranged by calling the office of the Pennsylvania Farmers Association at 717-761-2740.

Dutch Town and Country Restaurant, on Route 30 east of Lancaster, will hold the District 8 PAED meeting, scheduled for Tuesday,

December 19. All sessions will begin at 10 a.m., and adjourn at 4 p.m.

Other district meetings include: District 3, December 20 at the Holiday Inn in Pottstown; District 4, December 21, at the Sun-nyknoll Restaurant, Sybertsville; District 10, December 27, at Bratton's Inn, Mifflin; and District 7, December 28, at the Country Cupboard, Lewisburg.

Holstein booklet available

BRATTLEBORO, Vt. - A newly revised Guide for Permanent Holstein Identification has been prepared by the Holstein Association.

The 14-page booklet offers a comprehensive explanation of the procedures involved in both registry and grade identification. Reserving a prefix, submitting sketches and photos, and applying for transfers or lease reports are among those items discussed. Fee schedules and regulations have been updated, where necessary, to reflect recent changes in association policy.

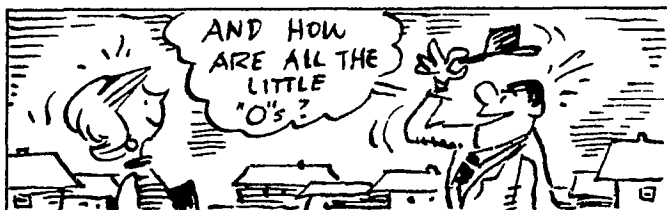
Helpful illustrations are another feature of the new Guide to Permanent Holstein Identification. Sample applications and

registry photos clearly demonstrate the correct procedure used to apply for registry or grade identification.

New breeders who wish to meet the requirements for permanent identification will find this booklet a real help. Clearly-stated explanations of special areas, such as the registering of twins and off-color animals, assist the Holstein dairyman

in preparing his applications. The booklet is also a convenient way for both new and long-time breeders to keep the updated information they need on hand.

Copies of the booklet are now available, and can be obtained free of charge by contacting the Holstein Association office in Brattleboro, Vermont.



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And legume roughage is a good source of protein; but it's low in phosphorus and other nutrients so important to the needs of all dairy cows.

That's where Vigortone Dairy Pre-Mixes help. These potent pre-mixes are specially formulated for the feeds grown on your farm and contain the proper amount of phosphorus to balance the calcium content of your legume roughages.

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Your Vigortone Dealer can help you figure the energy and protein supplied by your own grain and roughage. You'll know from the start how much, if any, additional protein you'll need.

Now is the time to compare.

See your Vigortone Dealer soon. He's ready to compare the performance of Vigortone's cost-saving dairy feeding programs with any other you name.

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Newport, PA
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Church program shows the spirit of Christmas



Both shepherds and shepherd boy, complete with stuffed lamb, come to visit the Christ child in the scene "Shepherds worship." The shepherds

are portrayed by Tim Krall, Michael Smith, Ricky Horst, and Michael Seibert.

By KENDACE BORRY
LEBANON — For the 27th year in a row, with, as members say, each year getting bigger and better, the Midway Church of the Brethren, Lebanon, is involved in its annual Christmas Choir Candlelight program.

For the past ten years this has involved creating tableaux scenes depicting the Christmas story as the combined choirs tell their story.

Under the direction of Mrs. Norman E. Keller, Lebanon, choir director, the production will be performed on Sunday, December 17 and Saturday, December 23, both evenings beginning at 7:30 p.m.

"Each year", Mrs. Keller stated, "we build from the program the year before, adding something new and exciting. This year the big project was having members hand sew new robes for the actors."

According to Mrs. Keller, who has been the choir director at the church for the past 27 years, the committee

in charge of the Christmas programs starts meeting in September. By October they are busy asking people to star in their production, and by the week before Christmas the last minute rehearsals are well underway.

"It's such a joy to do this," she commented, "because people are so willing to serve."

Noting that the Midway Church is just a "country church", Mrs. Keller told that each year a different husband and wife are asked to portray Joseph and Mary. This year the team are Mr. and Mrs. John Hess, Lititz.

Other actors include: prophet, Herman Reist, young men, Michael Deckert, Todd Dohner, Jay Dubble, William Dubble; Elizabeth, Mrs. Earl Dohner; innkeeper, Joseph Krall; angel, Mrs. Thom Keller, and Mrs. John Harrell, shepherds, Tim Krall, Michael Smith, Ricky Horst, shepherd boy Michael Seibert, Simeon, Abe Buffenmeyer; Anna, Mrs.

(Turn to Page 38)



AGRI-KING CONGRATULATES HAROLD & DONALD BOLLINGER

FOR GREAT ACHIEVEMENTS IN 1978



Willow Maple Reflection Mae

Willow Maple Farm of Lebanon County, Pa. recently received honors at the Lebanon County DHIA Banquet for being high herd in both milk and butterfat with 21,619 lbs. milk and 743 lbs. fat.

The cow of the year was also owned by the Bollingers. Willow Maple Reflection Mae finished a 305 day record with 32,923 lbs. milk and 1185 lbs. fat. O'Mae is quite a cow - she had already gone over 200,000 lbs. milk before setting this record.

BEST WISHES FOR GREAT SUCCESS IN 1979

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Lititz, PA 17543
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E-town FFA wins engine contest

By JOAN LIESAU

MILLERSVILLE — Tom Lytle, 15, of Elizabethtown R1, and Jay Garber, 15, of Elizabethtown R3, were the top placing team representing Elizabethtown High School at the Lancaster County FFA gasoline engine contest held at the Penn Manor High School, Millersville, on December 13. The pair accumulated 555 points out of a total 600 possible points in the team competition.

With only three points difference in their total scores, Tom Lytle, the son of Mr. and Mrs. Clarence Lytle, was the high scoring individual of the contest with 279 points out of a possible 300. Jay Garber, son of Mr. and Mrs. John K. Garber was the second place individual with a total of 276 points.

Six schools competed in the competition. They were Elizabethtown, New Holland, Manheim, Penn Manor, Pequea Valley and Ephrata. There were three parts to the contest; a written exam, a service manual exam and an engine debugging contest.

Tom and Jay, as the top Lancaster County team, will compete on the state FFA level next Summer. They said they practiced a lot, but this was their first time in a contest. There was one thing wrong with Tom and Jay's engine before they went to the contest, so the pair automatically had five points deducted from their scores. "Other than that, it wasn't too difficult" Tom said. Mr. Elvin Hess is their agriculture instructor at Elizabethtown.

Penn Manor High School placed second in the contest. Team members were Ken Greider, 14, and Aaron Ebersole, 16. Ken, the son of Mr. and Mrs. Kenneth Greider, Contestoga R2, placed third individually in the contest. Aaron, the son of Mr. and Mrs. Eugene Ebersole, Willow Street R3, won fourth in the individual



Jay Garber, Elizabethtown R3, (left) and Tom Lytle of Elizabethtown R1, comprised the winning team from Elizabethtown FFA at the Lancaster County small gasoline engine contest held December 13 at the Penn Manor High School.

Tom was also the high scoring individual in the contest, with Jay coming in a close second.

contest. These two are also eligible to compete in the state contest.

In the team scores, third place went to Manheim with a total of 419 points. New Holland won fourth with 321 points. Fifth place was won by the Ephrata team with 318 points and sixth place was won by Pequea Valley High School.

Individually, Duane Martin of Manheim R4, was the fifth place winner and Barry Gieb, Manheim R4, was the sixth high individual.

The written examination on the four-stroke cycle small gasoline engine included questions on selection, operation, principles, maintenance and repair. The service manual examination involved determining measurements and adjustments, along with

service and maintenance procedures. In the debugging contest, the contestants supply the engines. Officials then make 10 faults (bugs) in the engine, including replacement parts. The team which debugs their engine in the least amount of time receives 60 points. After the first roar of a team starting their engine, the tension builds. The second team to get their engine started receive 50 points. Proper use of tools, safety dress and work habits are all an essential part of the degugging contest.

Doug Stoner, agriculture teacher at Penn Manor High School, conducted the County contest. He was assisted by the teachers from the participating high schools.

FFA'er writes national farm message

HESSTON, Kans.— A salute to American farmers and ranchers written by a high school senior from Belleville, Kans., was aired as a non-commercial message during the telecast of the final performance of the 1978 National Finals Rodeo which was seen over a 200 station network throughout the U.S. and Canada. The telecast was scheduled to show in most areas on December 13.

Jim Ramsbottom, a member of the Belleville Chapter of the Future Farmers of America, submitted the winning entry in a national contest sponsored by the Hesston Corporation for FFA members to write a 100 word message on the importance of agriculture to North America. Hesston then developed it into a public service television message to be used during the telecast of the National Finals Rodeo from Oklahoma City which is sponsored by Hesston and its participating farm equipment dealers.

This is the fifth consecutive year which Hesston and its dealers have donated part of the commercial time

on the special network to tell the farmer's story to the American public. Approximately 20 million people were expected to view the telecast.

Ramsbottom's message says, "In 1776, nearly every American was a farmer. Today, only one in seventy, yet we are the greatest food producing nation on earth. One-fourth of everyone who ever lived is alive today. Farmers must feed this hungry world. Today's farmers are made of the same pride, grit and independence that helped our forefathers mold this remarkable country. And we need to continue to develop new generations of agriculturalists prepared to lead, feed and succeed. Like the farmer who plants in hope and cultivates in faith, we are as optimistic about America's agricultural future as we are proud of her past."

Ramsbottom was presented a check for \$500 for his winning entry by Howard L. Brennenman, president of the Hesston Corporation. Four second place winners received checks for \$250 each and ten third place winners received checks for \$100 each.

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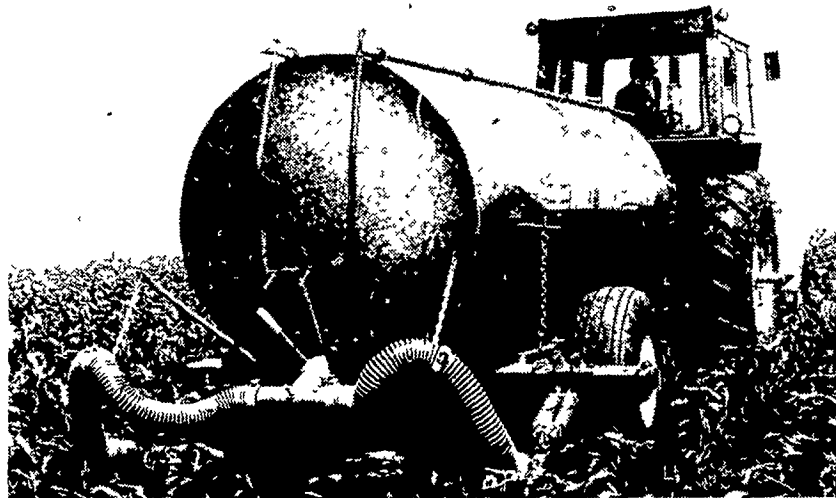
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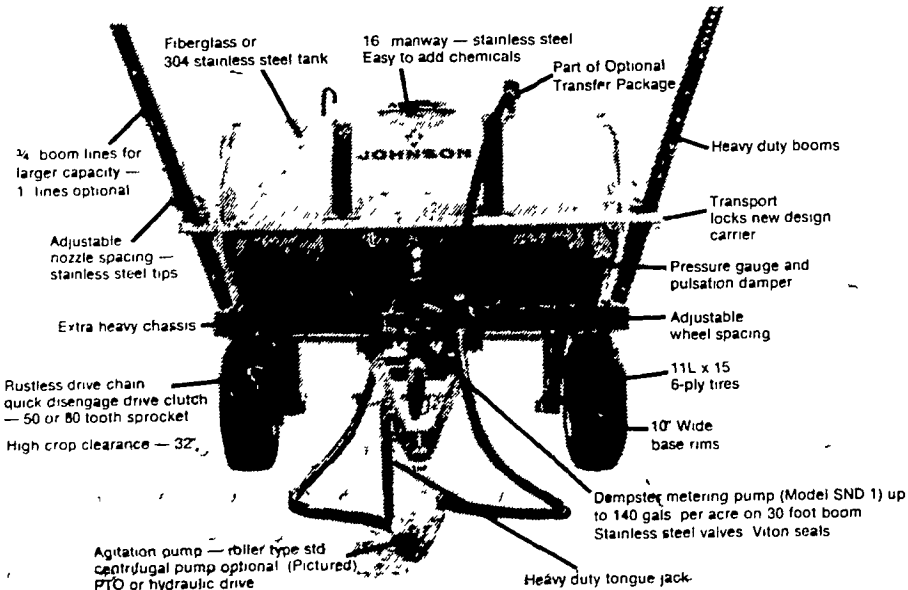
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USDA rarely listened to at White House level

Ideas outlined to strengthen farmer's voice

COLLEGE STATION, Tex. - More active and effective participation in the national decision-making process on the part of individual farmers could well be the number one priority in agriculture's current agenda of challenges. This is one of the major

conclusions presented Dec. 6 at the National Farm Summit in a report presented by Dr. John Kramer, associate dean of the Georgetown University School of Law and chairman of the Summit Task Force on "Agriculture's Role in Government Decisions."

The report outlined a series of steps farmers and farm groups might take to increase their input and upgrade the quality of decisions coming out of Washington.

The report strongly emphasized that agriculture must work harder to form

issue-oriented internal and external coalitions, and by doing this can "significantly increase overall impact."

In forming such coalitions, Kramer said farm groups must downplay a traditional tendency to deal with problems in an "us" versus "them" context.

He said the coalitions must avoid philosophical differences and concentrate on specific problems which can be carefully defined.

Kramer called for development of "an open-ended agricultural coalition that meets regularly in Washington, D.C. on a formal and informal basis, excluding no active participant in the food production system. The object would not necessarily be to forge a lobby binding everyone to promote particular programs and policies...rather the focus would be on exchanging points of view and opening a dialogue with the executive and legislative branches well in advance of the need to take positions and testify."

The report concludes that "the old-line, established farm organizations are going to have to be willing to work with new groups,

however brash their tactics may seem."

On another major question, the report outlined ways to upgrade the Secretary of Agriculture's standing on the cabinet and strengthen the farmer's voice within USDA. The report described USDA as "a stepsister in the household of the cabinet, down-graded and ignored in decision-making by more potent agencies like State and Treasury and rarely listened to at the level of the White House..."

"The most important step USDA could take to assure that it is no longer brushed aside as a pseudo-lobbyist for a minority point of view is consciously and publicly to broaden the nature of the Department to encompass issues relating to food and nutrition. The USDA would do more to enhance its White House standing and secure recognition if it attempted to parallel the coalition efforts of farmers by expanding its concept of its mission. The more public interests it serves, the more effective it will be," the report concludes.

"Whether USDA changes its name," Kramer notes, "it has to change its approach."



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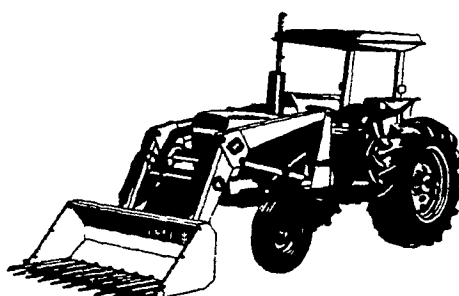
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Brenda Fisher shows champion steer

HARRISBURG - Brenda Fisher, a 15 year old from Hummelstown R2, exhibited the grand champion steer at the Dauphin County 4-H Baby Beef Round-up held recently at the Harrisburg Farm Show Complex.

Brenda, the daughter of Mr. and Mrs. Harvey Fisher, showed a 1024 pound Angus-Chiania cross steer named Ponch. She was also named the champion senior showman. As the grand champion, Brenda's steer qualified to compete at the farm show. "I expect to be in the middle of the class" Brenda said in her comments on the upcoming show.

Brenda is a member of the Lower Dauphin County Beef Club. Besides her steers, she raises sheep which she has

done quite well with over the past few years.

Tim Foreman, son of Mr. and Mrs. Jim Foreman, Hershey R1, showed the reserve champion steer. Tim's medium weight steer was a 1050 pound Chiania-Angus cross. Tim also placed second in his showmanship class.

Judy Fair, Halifax R3, was the winner in her showmanship class. Duane Messick of Elizabethtown R2 won his junior division in showmanship.

Other placings for the show are as follows:

Class I lightweight: 1. Brenda Fisher, Hummelstown R2; 2. Janice Kaylor, Elizabethtown R2; 3. Monique Sweigard, Halifax; 4. Judy Fair,

Harrisburg R3; 5. Jan Rode, Halifax R2.

Class II mediumweight: 1. Tim Foreman, Hershey R1; 2. Mark Webster, Halifax; 3. Matt Keiter, Halifax; 4. Darlene Myers, Hershey R1; 5. Sally Messick, Middletown.

Class III light-heavyweight: 1. Doug Deppen, Halifax R3; 2. Josephine Popp, Middletown; 3. Kathy Miller, Halifax R2; 4. Dale Shope, Middletown; 5. Renee Lapp, Halifax R1.

Class IV heavyweight: 1. Grayson Fair, Harrisburg R3; 2. Kaye Sweigard, Halifax R3; 3. Kurt Hess, Elizabethtown R4; 5. Pat Messick, Middletown.

Grand champion steer - Brenda Fisher.

Reserve champion steer - Tim Foreman.

In the showmanship division: Brenda Fisher won first place in the senior showmanship contest. Daryl Rode placed second, Kaye Sweigard placed third, Doug

Deppen was fourth while Molly Miller of Halifax R2, placed fifth.

Judy Fair won her middle age showmanship class with Dale Fisher placing second.

Greg Taylor of Elizabethtown R2 placed third, with Kurt Hess placing fourth. Grayson Fair was the fifth place winner.

(Turn to Page 39)

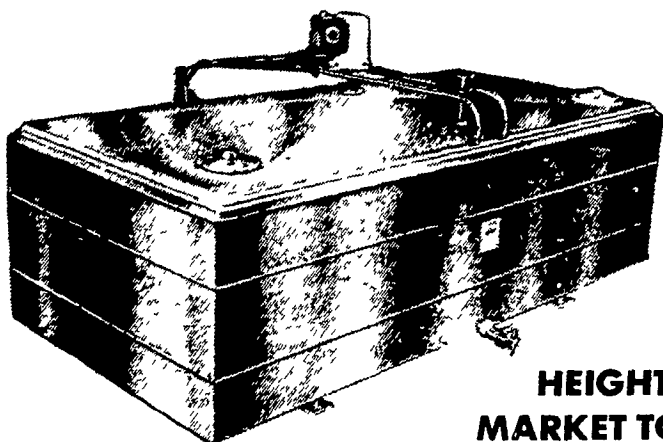


Brenda Fisher showed the grand champion steer at the Dauphin County 4-H Baby Beef round-up held recently at the Harrisburg Farm Show complex. She was also chosen the champion senior showman at the round-up.



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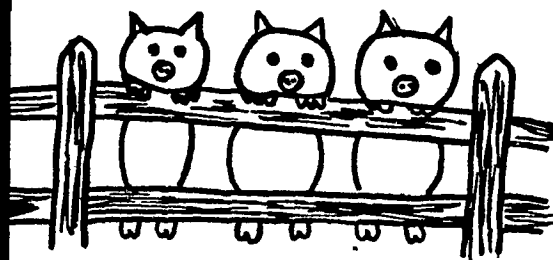
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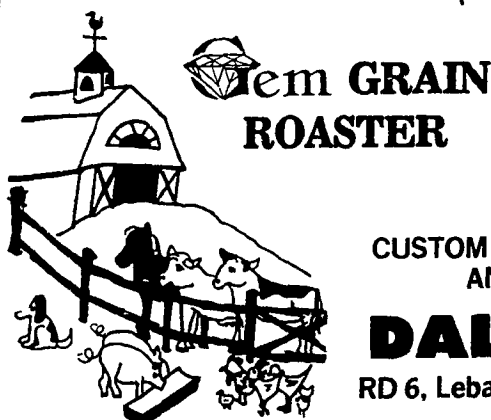
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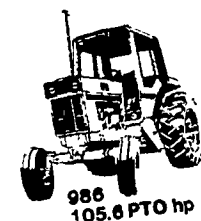
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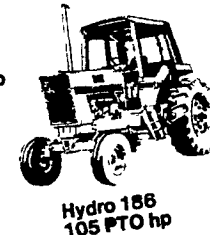
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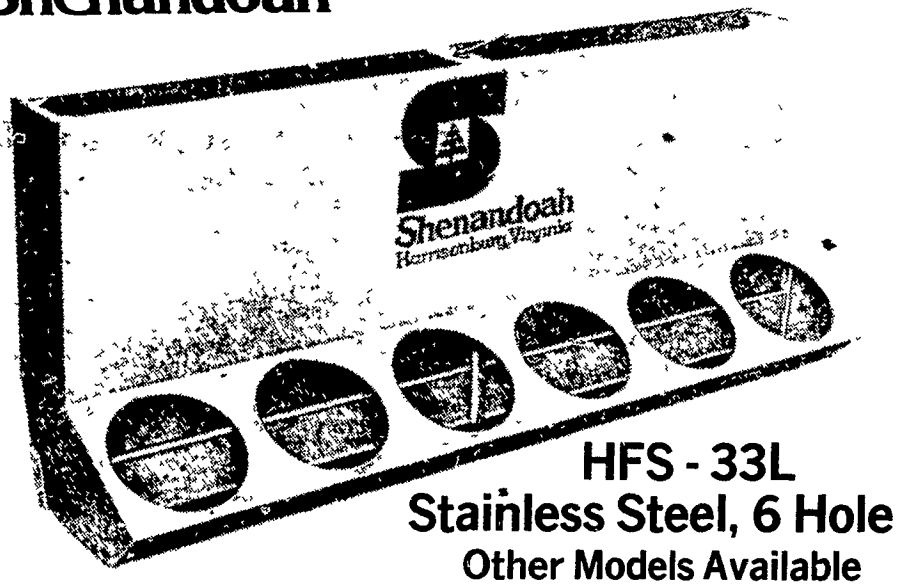
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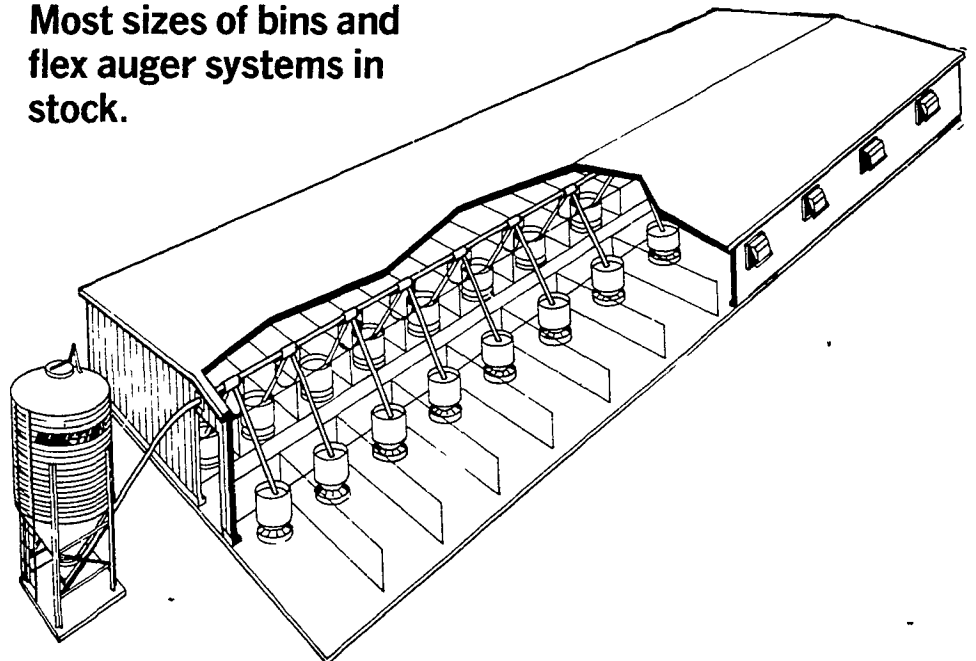
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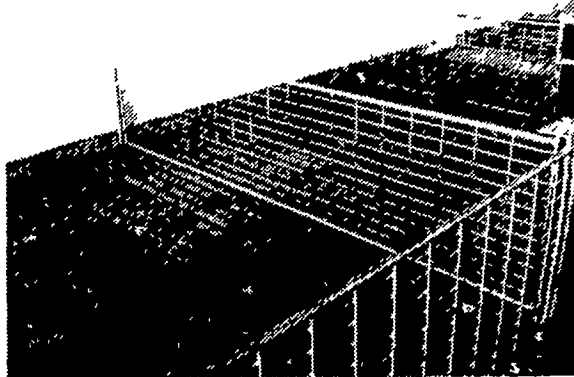


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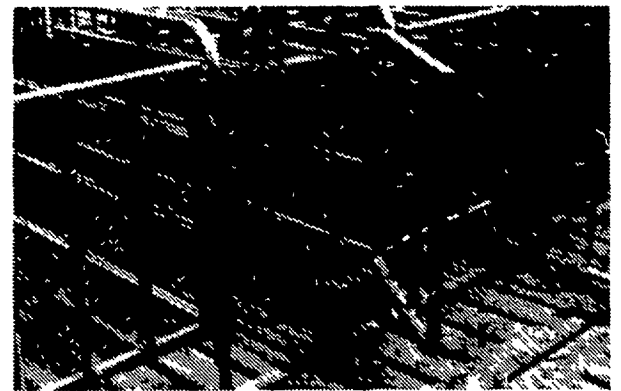
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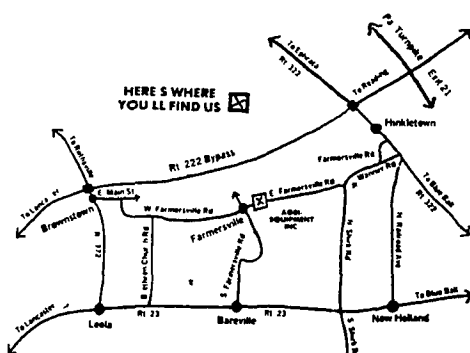


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Penna. fertilizer dealers

(Continued from Page 1)
results on quality control tests, and that in turn generates negative publicity. The industry is concerned about all of the above, and they maintain that their difficulties do not by any means end there.

The problem is complex and finding answers could be a costly proposition. In the end it will be the farmer who will have to pay for the extra expenses incurred with strict quality standards.

Some fertilizer people argue that the economics involved are presently prohibitive. Also, one of the strongest points made here was that the expense wouldn't be justified since the majority of products are already in compliance with standards. Furthermore, most variations do not cheat the farmer or hurt his crops.

But the quest for improvement goes on. It goes on partially because government regulations

demand it, and also because the industry recognizes its shortcomings. On top of all that, agricultural productivity must be maintained and farmers want and deserve dependable products.

The road to improvement has been marked with potholes of misunderstandings, however.

What was heard here repeatedly during discussions was that the fertilizer people believe

Pennsylvania's Fertilizer Law is not being administered as fairly as it could be. Emphasizing that they see a need for regulations, they are nonetheless quick to defend themselves against charges of dishonesty.

Most shortages in quality guarantees were explained here as being nearly impossible to avoid under present practical circumstances. That being the case, then reason dictates that most violations occur unintentionally. Spokesmen here made it plain that if an individual or firm is indeed adulterating products, then

they want to see it stopped as much as Pennsylvania Agriculture Secretary Kent Shelhamer, who championed the Fertilizer Law. It went into effect early this year.

Shelhamer regards Act 86, The Pennsylvania Fertilizer Law, as one of the finest measures for quality assurance to the farmer. He took pride in proposing the legislation which led to the Act, and defends the program zealously.

While they have no objection to the law itself, some attending dealers here claimed that the administration of it brands them as "chiselers" if a sample comes up with something less than was guaranteed on the label.

The fertilizer people resent this effect of the law and they are trying hard to amend the record.

Said one: "Maybe we have worried too much about agronomics and the farmer

and not enough about our own image."

Several of the participating fertilizer dealers here also concluded that even if a sample comes up on the short side with one fertilizer ingredient, it may well be high in another. The net result, they claim, is that the value of the fertilizer is actually present both monetarily and agronomically. In reality, the farmer wasn't being cheated, nor were his crops hurt.

On their quest for the top national ranking, the fertilizer men face the nearly insurmountable problem of product separation. While they admit it can be done, they say it would be very costly. They doubt that the farmer would be willing to foot the extra expense.

(Turn to Page 37)



The manner in which fertilizer is handled and stored plays an important role in how an analysis will come out in the laboratory. All procedures during the workshop held at the Webb Super-Gro

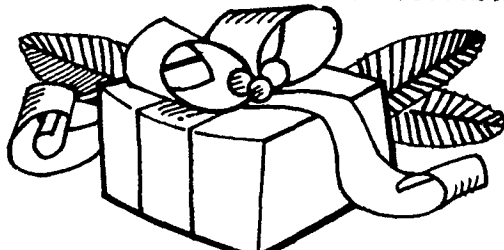
Co., Mill Hall, were conducted under the watchful eyes of fertilizer inspectors, dozens of industry men, and several journalists.

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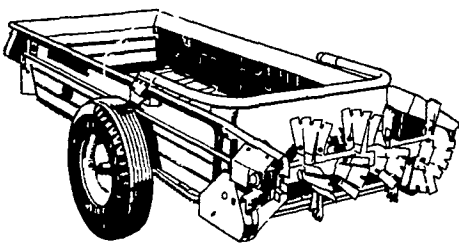
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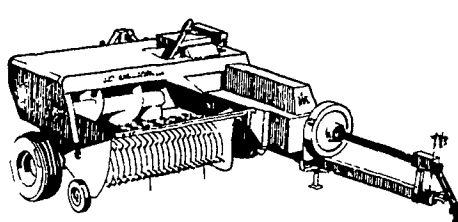
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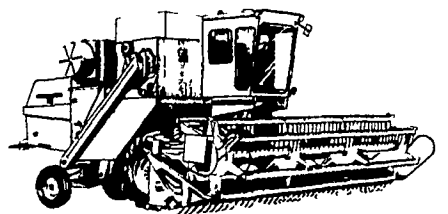
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This engineer has built a dairy empire



Steve Graybeal, southern Lancaster County dairy farmer, devised his own feeding system which incorporates a scale, an automated switch, and self-unloading forage wagon. He is well pleased with it.

By DIETER KRIEG
PEACH BOTTOM — Steve Graybeal wanted no parts of farming when he was in high school. His thoughts were basically that a person would have to be crazy to want to get into a life of constant hard work, long hours and few rewards. It was no surprise then that the young man wanted to get far away from the farm after he graduated from Solanco High School in 1963.

Graybeal, a man who is quick to smile and laugh, enrolled in the engineering department at North Carolina State University. One of his considerations in picking a college was to be far enough away from home to avoid the chores on weekends.

But the life of a student didn't appeal to Graybeal either. "It takes a lot of tolerance," he grinned. So he dropped out after three years and waited for Uncle Sam to send him an invitation to Viet Nam. "That's a rude way to have to grow up," he remembers.

After two years of service in the United States Army (one year in Viet Nam) Graybeal was ready to tackle a career. Rather than go back to school, he decided to give the farm one last chance. He'd work for his father, the late J. Harold Graybeal, for a year, and if he liked it enough he'd be willing to sign for a partnership.

Graybeal has been in the

(Turn to Page 35)



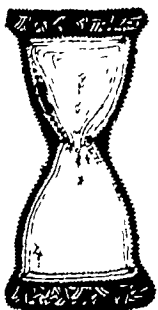
Steve Graybeal and his wife, Vicki, are the Outstanding Young Cooperators for Maryland-Virginia Milk Producers. They were officially named to the honor last Summer.

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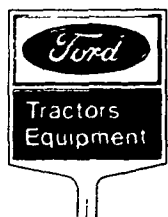
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• This engineer

(Continued from Page 34)

dairy business ever since. What's more, it has been a growing dairy business. Ten years ago the family milked 100 cows on one farm. Today Steve and his younger brother, Joseph, are in charge of an operation which encompasses 900 contiguous acres and more than 600 head of Holstein dairy cattle.

This past Summer Steve and his wife Vickie were honored by Maryland-Virginia Milk Producers Cooperative as their Outstanding Young Cooperator couple. The award included a trip to the National Milk Producers Federation Convention, held earlier this month in Seattle, Wash.

The fact that a 1200-member dairy farmers' cooperative chose Graybeal as their outstanding cooperators provides evidence that the young man has done well in his business. Graybeal himself admits that he could never have done so well in another line of work. Nonetheless, the 33-year old dairy farmer is one to look at cold facts and figures to make his decisions.

"I'm in this farming business because I like the independence and the satisfaction I get from running my own program," the young man explained. "But I'm also in it because of the economics of it," he added with emphasis. "If

I'm not making an income, then I'm getting out - and mighty fast. It's a good way of life, but we have to be adequately paid for it, too."

The fact that he is still in business is possible proof that Graybeal has been satisfied with the economic rewards of the dairy business. He gives much of that credit to the cooperative system and adds that he thinks it would be foolish to try and market milk as an independent producer.

"Graybeal has been a member of the Maryland-Virginia Milk Producers Cooperative ever since he started in the business. His father was a member since 1942.

Both Graybeal and his wife claim they have become much more aware of the internal workings of a cooperative since they were

voted the OYC couple and as a result participate in directors' meetings and the like. "Getting into the board of directors meetings is one of the biggest benefits of winning the OYC contest," the award winner remarked. "You also get to tour the facilities and see the internal workings of the cooperative. Because of that, we can better understand and communicate what's going on."

"They handle all your politics and marketing," says Mrs. Graybeal, the former Vicki Knapp of Lancaster. She, like her husband, is a strong believer in the cooperative system. In marketing milk, you're dealing with a very perishable product, which must be bargained with effectively and quickly, that's why I support the

Lancaster Farming, Saturday, December 16, 1978—35

cooperative, Graybeal explained.

Having recently returned from their trip to the National Milk Producers Convention in Seattle, the OYC couple regard the experience as having been "extremely informative." They were particularly impressed by the presentations on national policies, imports, and cooperative law. "Also," added Graybeal, "Washington has so much effect on our lives anymore - and I don't like it - but we have to face reality. The Federation plays a big role in not only marketing our product, but in representing us in government as well."

The Graybeals were named Outstanding Young Cooperator couple on the basis of their achievements in the dairy industry and contributions to the good of the community.

"The whole idea of the Young Cooperator program is to educate young farmers on how the cooperative operates. It's to improve his understanding, so that the young ones won't come in with cold feet," the dairy farmer explained.

The Graybeals make their home at "Graywood Farms," located just north

of the Maryland State line in southern Lancaster County.

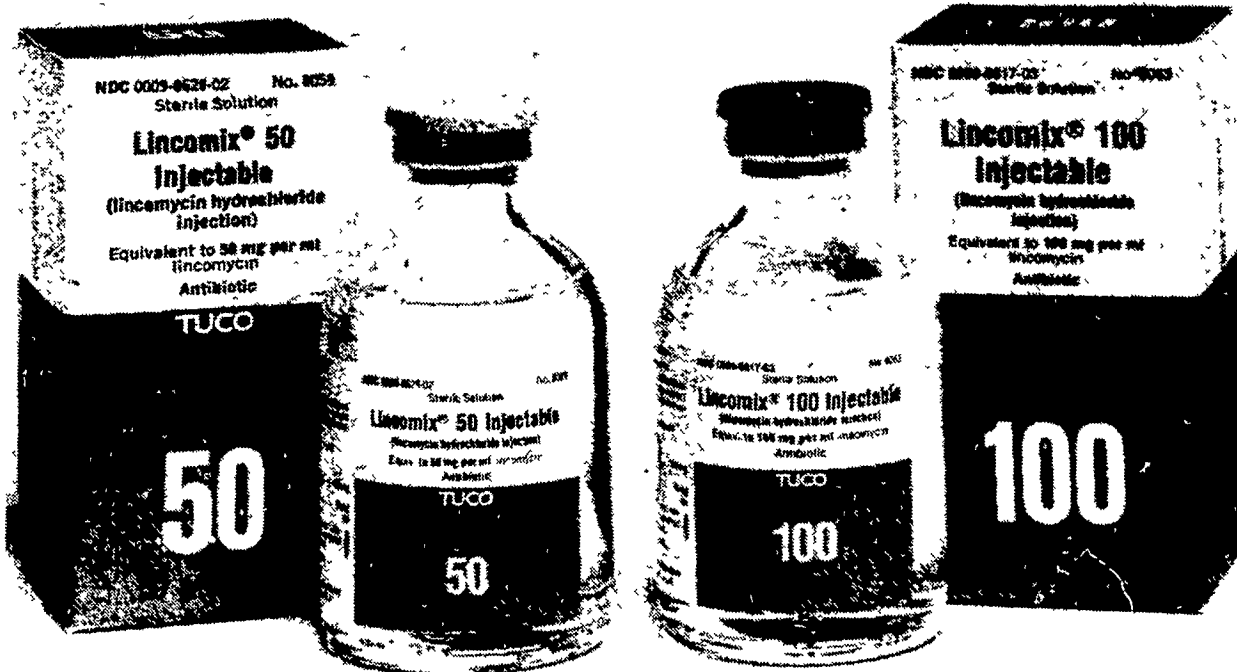
DHIA statistics show that the Graybeal herd has a rolling herd average of 15,685 pounds of milk and 600 pounds of butterfat on 281.4 cows. Graybeal puts most of the emphasis on milk production, although the approximately 450 acres of cropland are not neglected. A practical sort of man, Graybeal believes in streamlining and specialization. He prefers to turn all of his more than 300 acres of corn into silage, for example, and is convinced that buying grain is more economical than raising and formulating his own. Aside from vast corn fields, some 50 acres of hay and about 180 acres of pasture are also a part of the operation.

Graybeal's milking herd is housed in a huge barn which measure 86 feet wide and 424 feet long. The herd is divided into four groups and remains confined to the barn every day of the year. They're fed once a day from a self-unloading wagon which contains both roughage and grain. In addition, the herd is also provided with either baled hay or direct-cut haylage. All feedstuffs are

(Turn to Page 38)

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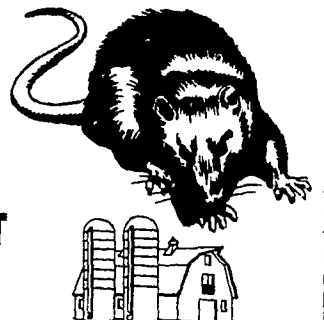
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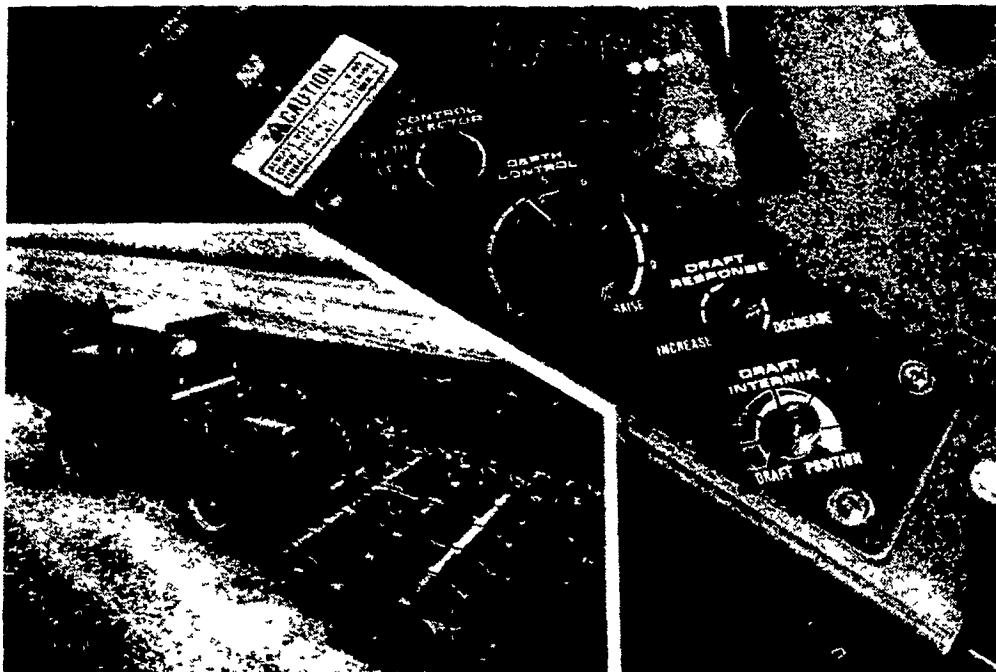


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M-F introduces first electronic 3-point hitch

A new electronically controlled three-point hitch system, the first of its kind from a North American manufacturer, is offered in the new MF 4880 and MF 4840 four-wheel-drive tractors now in production at the company's Des Moines plant.



New MF 4880 and MF 4840 four-wheel-drive tractors from Massey-Ferguson offer an optional electronically controlled three-point hitch system, first of its kind from a North American manufacturer. Tractor (lower left) utilizes new hitch to operate MF 129 chisel plow. Close up view (upper right) shows control panel for lift, position selector, depth, draft response, and draft intermix.

With this optional, factory-installed hitch system the operator has a choice of positive position control, full draft control, or an infinitely variable intermix of the two. He can use the tractor's horsepower more effectively by precisely matching implement working depth to differing field conditions.

Instead of using mechanical linkage to transmit draft and position control, this new system incorporates induction coils to sense draft and position changes and to transmit the signals electrically through a control box to a solenoid-operated lift control valve.

The MF system also includes a lift switch and transport lock. Once the implement is set at the desired working depth, the operator simply pushes the lift switch to "Up" to raise the implement to full transport position. After he makes his field turn, he presses the "Down" switch to lower the implement to the preset working depth.

When the tractor and implement are to be moved to a new location, the operator switches the control to the transport lock position. This cancels all signals to the lift control valve so that the operator cannot accidentally move the control and lower the mounted implement to the road when it is being transported.

Hy-Cross awards presented

INTERCOURSE — A dinner was given at the Harvest Drive Restaurant, Intercourse, on Wednesday, December 13, in recognition of Lancaster County farmers who excelled in using Hy-Cross started pullets. The Hy-Cross Company, headquartered in Doylestown, is eastern regional distributor of Hy-Line chicks and started pullets.

All told, awards were presented for "outstanding

egg production," according to Frank M. Loew, Jr., sales manager for Hy-Cross. Loew pointed out that the national average for this business is 235 to 240 eggs-hen housed.

"These people have achieved figures in excess of 240 in a 52 week production period," said the sales manager. "The highest eleven were over 270, with the top man at 283," he continued. "These are outstanding production figures."

The meeting was attended by 120 Lancaster County farmers—most of which were Amish. The top eleven men received battery powered wall clocks in recognition of their accomplishments, in addition to trophies.

Also attending the dinner were Wayne Moree, general manager of Hy-Cross, Dr. Charles Howe, Des Moines, Iowa; Don Kelsey, New Holland, Art Detweiler, Pipersville, and Russ Batson, Doylestown.

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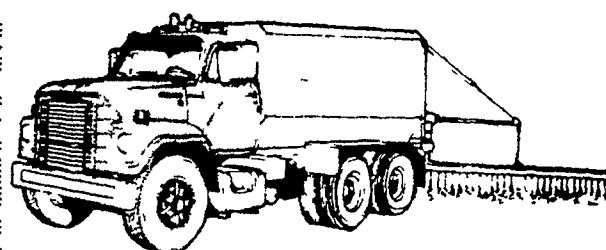
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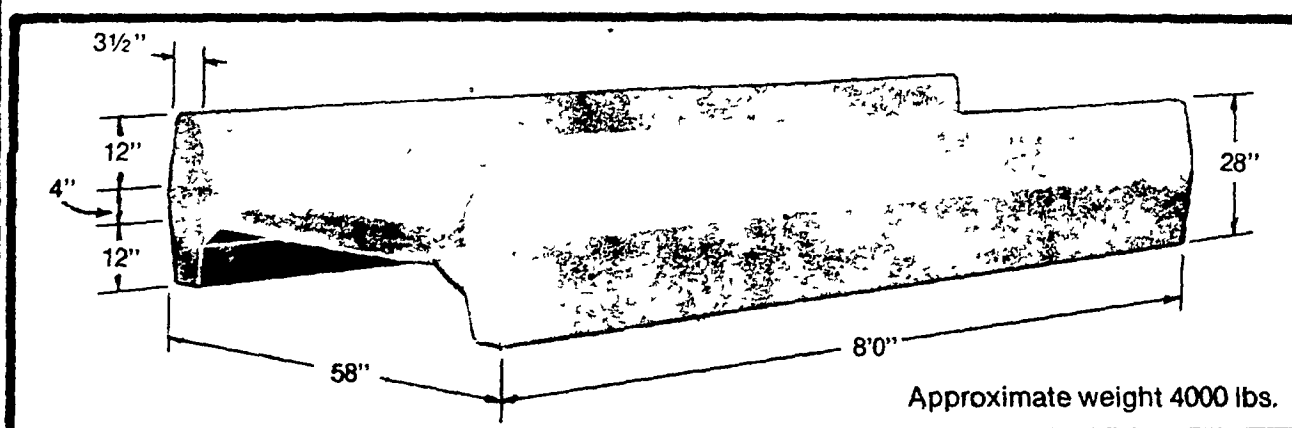
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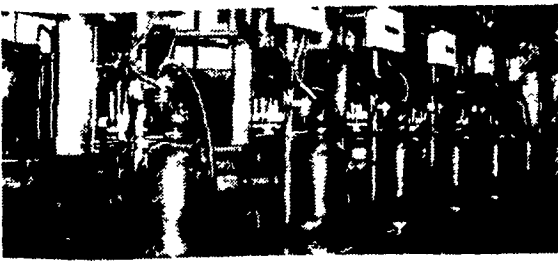
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Pa. fertilizer dealers

(Continued from Page 32)

Particle separation is a problem which is evident throughout the dry-blend fertilizer industry. It exists at the pile where fertilizer components are mined and it's evident in the 80-pound bag the farmer takes home in his pick-up truck. The problem exists mostly due to the differences in particle size, but particle shape and density also have an effect. Many a farmer experiences the same situation with feed that is blown into a feedroom. The separation effect gets worse if the product is allowed to form a peaked pile or cone.

During the workshop sessions, those in attendance were treated to lectures on the fundamentals of quality control, screen analysis, and sampling. Also featured was a tour of a fertilizer plant and demonstrations of fertilizer mixing and sampling. All processes were conducted with Pennsylvania Agriculture Department officials looking on - or, as in the case of

sampling - performing the actual demonstrations.

Program participants saw how to take proper samples of dry blend fertilizer from either bulk units or bags. It was emphasized that the proper equipment is essential and fertilizer storage or hauling methods can have a big effect on the outcome of tests.

One of the ways the industry is using to eliminate the effects of particle separation is a series of baffles inserted vertically into the bins. The arrangement of baffles could take the shape of a long, vertical "egg crate," or be in the form of large diameter pipes (12 inches or more) placed adjacent to each other and installed longways inside the bin. Some dealers are already making use of such a system.

While recognizing that much still needs to be done, Pennsylvania's fertilizer industry boasts the following record:

In 1972 the percentage of deficiencies in Pennsylvania

was 32 per cent; in 1973 it was 21 per cent; in 1974 it dropped to 18 per cent; in 1975 it was 14 per cent; in 1976 it was 8 per cent and for 1977 it was a mere 3 per cent.

That record represents substantial improvement,

suggests Donald W. Parke, executive vice president of PennAg Industries Association. He also notes that the industry in Pennsylvania can take pride in these results. The only states to tie that record were Maryland and Wyoming.



A series of baffles inside the bin can be very helpful in eliminating the problem of product separation - the root of the analysis problem experienced by some fertilizer manufacturers. Doing the demonstrating above is Homer Kimbrough from the Tennessee Valley Authority (TVA).

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Swine management meeting set

NEW HOLLAND - A swine management meeting is scheduled for Wednesday, December 20, 7:30 p.m. at the Hinkletown Alternative School. The topic of the meeting is the production of top quality market hogs.

Speakers for the evening will include Doug Clements of Hatfield Packing and Paul Futch of Smith-Kline.

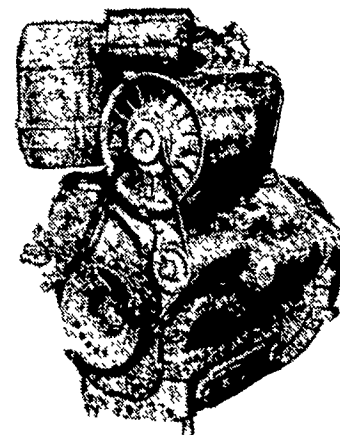
Clements will discuss what Hatfield considers a top quality market hog,

marketing trends and what the producer can do to produce the quality of hogs the markets are looking for.

Futch will be discussing the products that Smith-Kline have available to help produce a quality hog. Products include medication for scours, disinfectants and growth stimulants.

All interested persons are invited to attend. For more information contact Bob Anderson at 717-354-0480.

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Church program shows the spirit of Christmas

(Continued from Page 27)

Nathan Dubble; and Wise men, Fred Gray, Clarence Allen, and Monroe Buffenmyer, Jr. All are from the Lebanon area.

The ages of those involved range from six to 86 years of age.

Scenes which are included in this year's program will be: The Prophecy, Mary and Elizabeth, No room, Jesus is born, Shepherds and angels, Shepherds worship, Simeon and Anna in the temple, The star, Wise men worship, and the Dedication.

Using the Cherub, Junior, Youth, and Senior choirs of the church, 110 singers are involved in the evening's activities. A tradition of entering and leaving by candlelight is followed as part of the program.

Everyone is invited to

participate and see this Christmas program. The church is located at 13 Evergreen Road, Lebanon, just south of the road leading to Cedar Crest High School, near the Veterans' Administration Hospital Entrance.



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Daily Market Report - Phone 717-354-7288
Abe Dittenbach, Manager

This engineer

(Continued from Page 35)

sampled regularly for protein analysis at Penn State University.

According to Graybeal's feeding charts, the high-producing group is given a maximum of 30 to 40 pounds of silage and 30 pounds of grain per head. The lowest production group gets up to 80 pounds of silage per head.

The cows' grain mix consists of ground ear corn and a 38 per cent protein soybean supplement. It is supplied by the Ross H. Rohrer Company of Quarryville.

Milk production has been such that Graybeal recently ordered a larger bulk tank. The size of that tank - 5000 gallon capacity - is larger than the entire milk house on many Lancaster County farms.

"We didn't get big just for the sake of getting big," the young man remarked during an interview at "Graywood Farms" this week. "The opportunity presented itself when neighboring farms came up for sale," he explained. That has happened twice in the past five or six years.

"One of the things about getting big is that you have to have ample management. In our case, we had it: my father, my brother, and myself."

he milking at "Graywood Farms" is done by two young women, each of whom tackles one milking per day. They're provided with help on problem cows and first-calf heifers as necessary. Several men are employed at the farm for outdoor work. All things considered, Graybeal figures he's get-

ting about 500,000 pounds of milk per man per year.

"My brother Joe and I complement each other," the young dairyman continued. Steve specializes in mechanical innovations and financial matters, while his younger brother handles the cows. Both are trained in A.I.

A much appreciated part of the management program is the Somatic Cell Testing

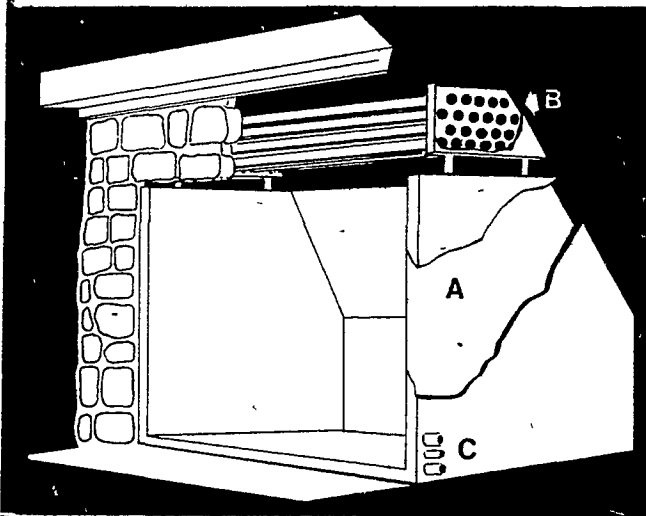
Program which is available to the Graybeals through the Dairy Herd Improvement Association. The brothers find it very helpful in finding and treating subclinical cases of mastitis. Last month, their average count was 233,000 leucocytes per milliliter. "It's much more reliable than the California Mastitis Test," concludes the youthful dairy farmer.

Despite his early dislike for the dairy business, Graybeal has been well-pleased with it for the past decade. Like any other farmer, he has had his

problems. He jokes about having to chase heifers over 180 acres of pasture and laying underneath a maze of cold, dripping pipes while trying to fix a leak. He says he still doesn't enjoy milking cows, but he has found a career which he finds satisfying.

A former engineering student, he never built much of anything except a large dairy operation and a few gadgets here and there which take the strain and nuisance out of many chores. Not every "engineer" can lay claim on so much.

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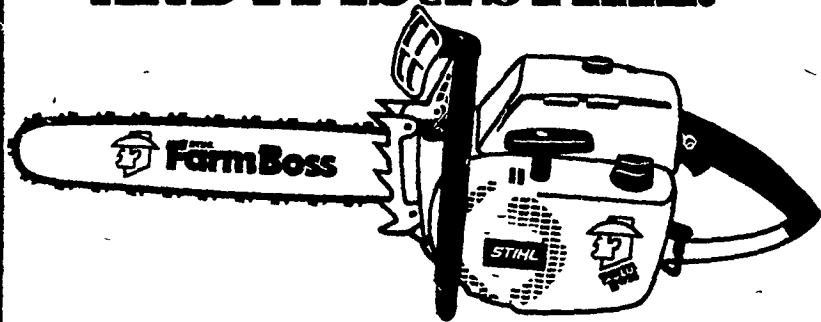
(Continued from Page 30)

Junior showmanship
Wayne Messick of

Elizabethtown R2 came in first. Tim Foreman placed second and Monique Swiegar placed third. Coming in fourth was Keith Hess with Darlene Myers placing fifth.

Monique Swiegar, Kaye Swiegar and Amy Bowman, Elizabethtown, exhibited heifers at the show. Monique showed both the champion and reserve champion heifer of the show.

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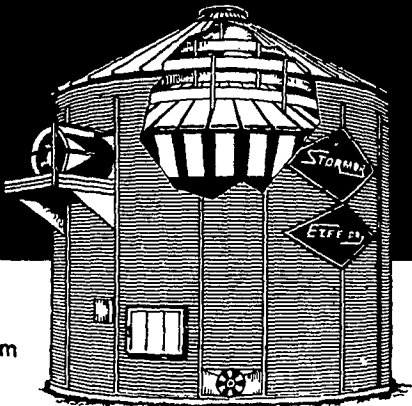
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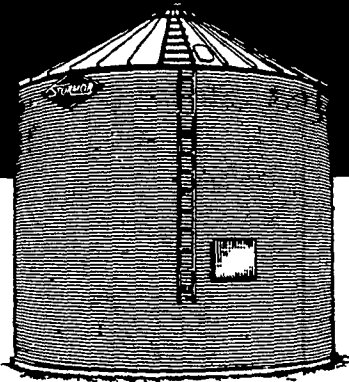
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Farm debt exceeds income fivefold

SALT LAKE CITY, Utah — "Erosion" rather than "inflation" more accurately describes what is happening to the value of the American dollar, Richard W. Owens said here last week.

Owens, chief administrator and secretary of the American Farm Bureau Federation, spoke at the annual meeting of the Utah Farm Bureau.

"If this erosion continues at current rates, the value of every dollar will continue to be cut in half every ten years," Owens said.

Noting that devaluation of the dollar shifts wealth and income from creditors to debtors, Owens cited the spectacular increase in farm debt in relation to net farm income.

He said that in 1950, farm debt was about equal to annual farm income, but by 1978 debt exceeded income by a ratio of more than five to one.

Blaming federal deficit spending for the "erosion" of the dollar's value, Owens said Farm Bureau supports an amendment to the U.S. Constitution that would limit federal expenditures to a

stated per cent of the gross national product and would require an orderly reduction of the national debt.

Turning to another topic, Owens said Farm Bureau is determined that the year 1979 will not go down in history as the "year of the great land lockup."

He was referring to the U.S. Forest Service's Roadless Area Review and Evaluation, round two (RARE II), the largest and use planning project ever undertaken by the federal government and involving some 62.1 million acres of forest land.

Until Congress makes a

final classification of the RARE II land as "wilderness," "non-wilderness," "multiple use" or "further study," the RARE II lands, by bureaucratic fiat, must be treated as "wilderness." This means no roads, no timbering and no mechanized vehicles or tools will be allowed in the designated areas, Owens said.

"Farm Bureau has long been a champion of the 'multiple use' concept on all federal lands," Owens said. "That is a policy we will continue to pursue with all the vigor at our command."

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HOLLIDAYSBURG — If you would like to pick up your phone, anytime of the day or night, and receive an up-to-minute current weather forecast, a service for just that is now being offered.

These forecasts will be specifically prepared for the Blair-Bedford County agricultural community in 1979, and will be available

only on a code-a-phone membership fee basis.

This type of information can help eliminate some unnecessary use of fuel and machinery or make better use of spray materials and manpower.

There will be two informational meetings which the agricultural community is invited to attend. The first is on Monday, December 18, 7:30 p.m. at the Central High School Cafeteria. The second meeting will be held January 18, 7:30 p.m. at the Court Room, Courthouse, Bedford.

The principle speaker at these meetings will be Joel Myers of Accu-Weather, Inc. State College.

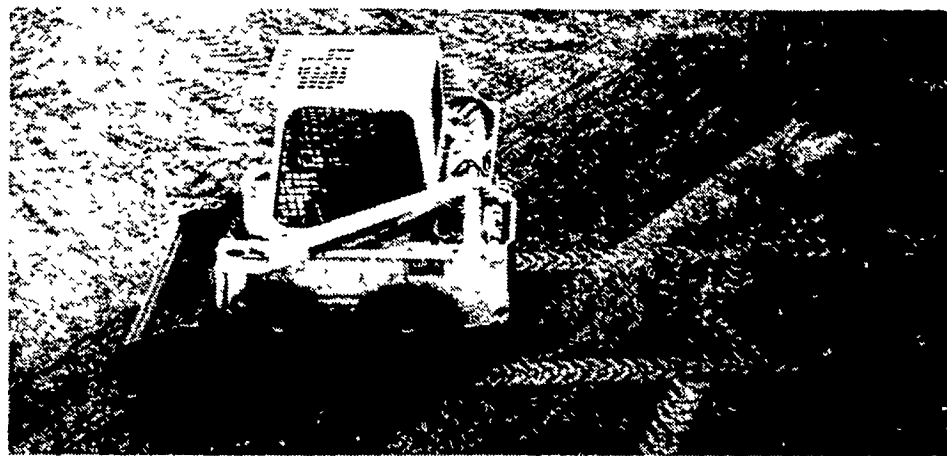
For more information contact Robert M. Hetrick, County Extension director, P.O. Box 449, Highland Hall Annex Hollidaysburg, Pa. 16648 (814-695-5541 ext. 14).

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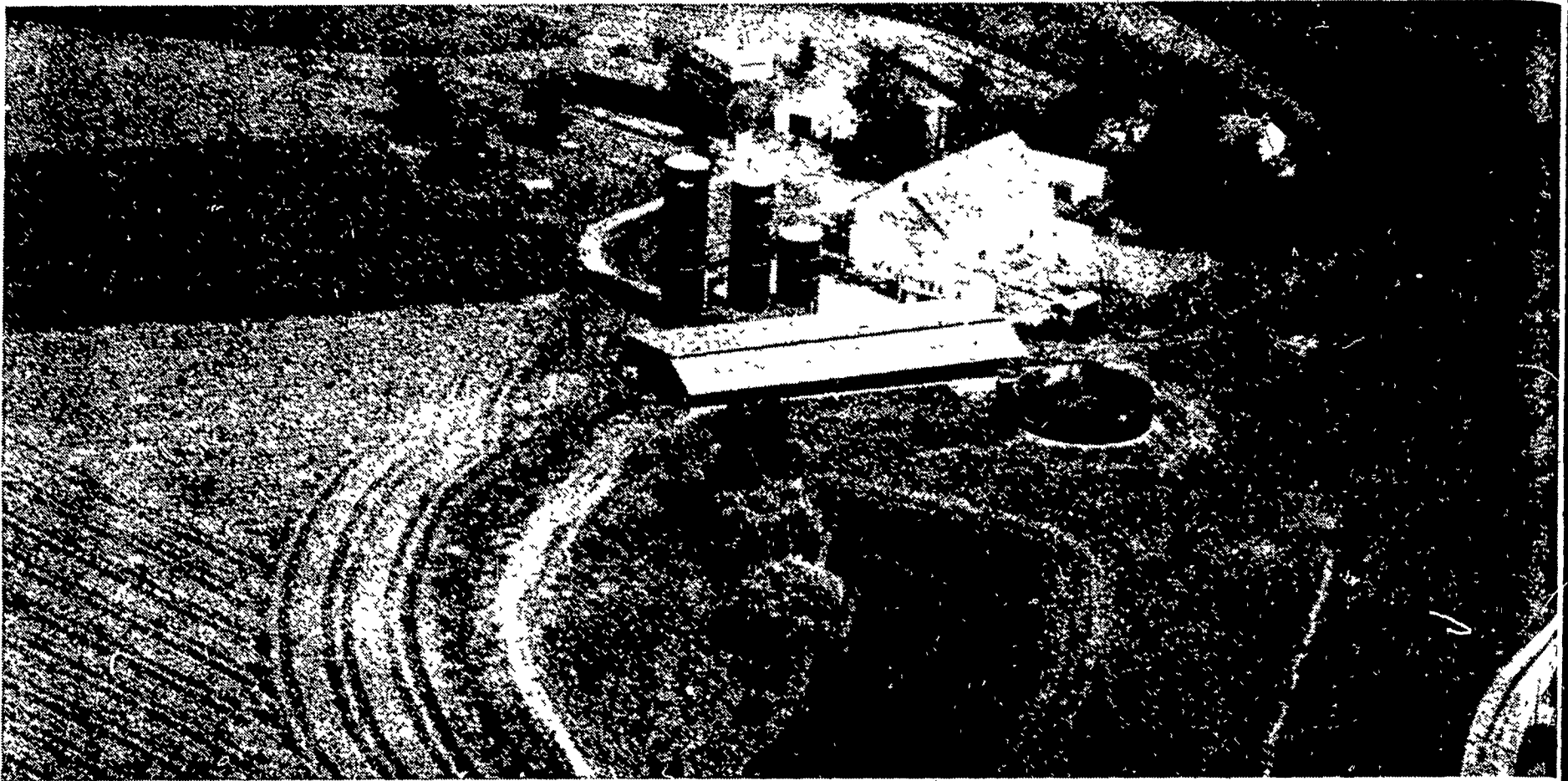
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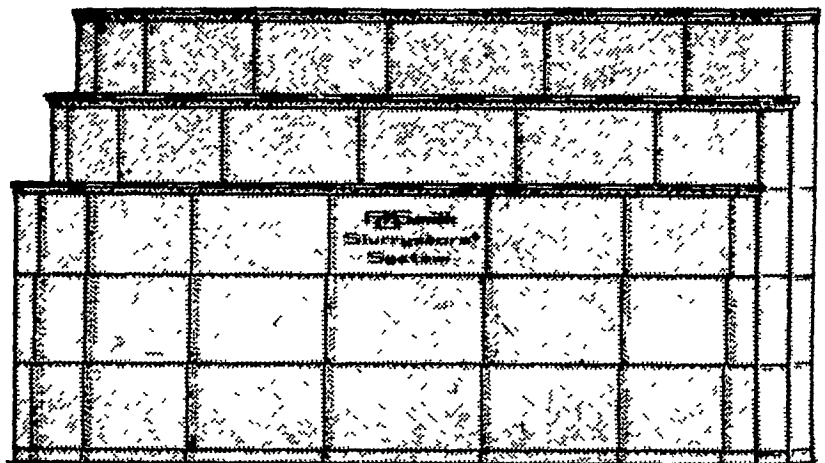
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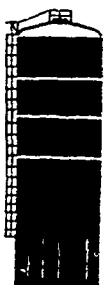


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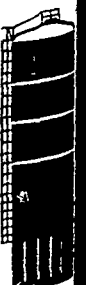
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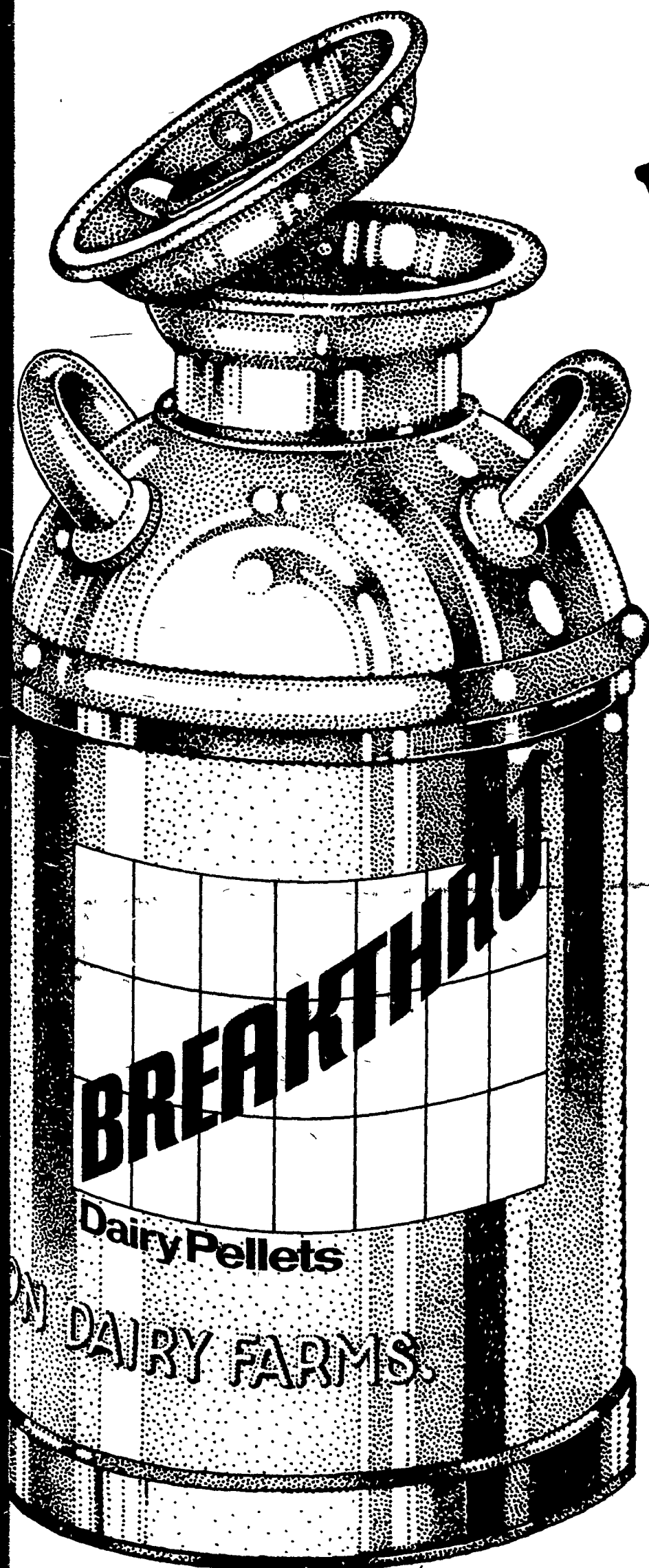
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HOMESTEAD NOTES

Christmas decorations just seem to come 'naturally'

By SALLY BAIR
Staff Writer

With just one week until Christmas, most homes are taking on a new appearance as decorations are dug out of storage and put into their familiar place.

If you're looking for just one new decoration along with all the old Christmas favorites, Mrs. Winfield Finkbinder has some ideas for you.

Mrs. Finkbinder, Old Church Hill Road, Lebanon, is the wife of a retired dairy farmer, and until a few years ago was too busy working on the farm and raising her five children to make many decorations. But she has made up for it in recent years, and because of her ability and interest she was installed this week as president of the Lebanon Flower Club. She has been a member for just six years.

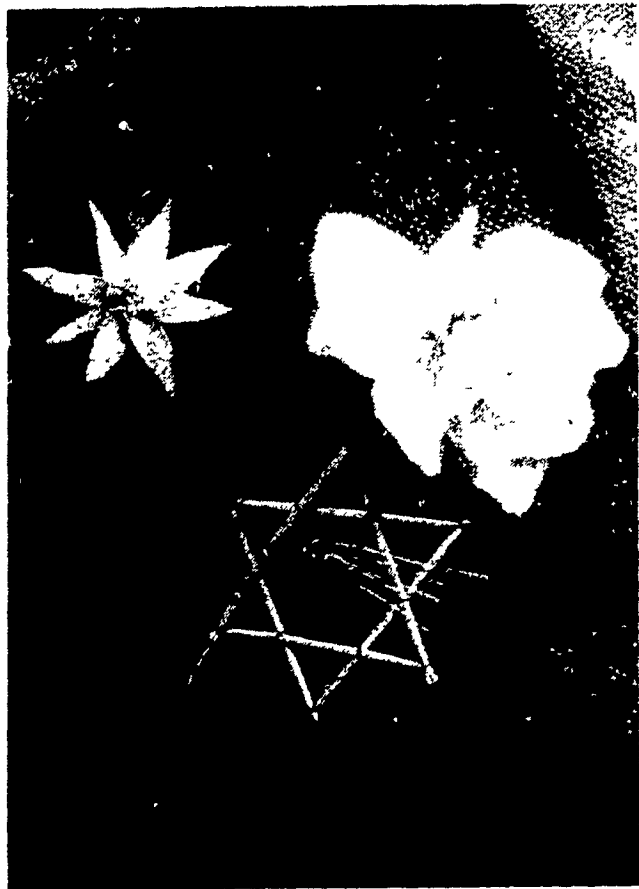
Mrs. Finkbinder is a believer in using whatever you happen to have around, without purchasing expensive containers and materials. Natural is the key to most of her decorations, and her eye obviously is trained for simple beauty.

Her home is filled with the makings of many lovely decorations, and she was full of suggestions on ways to make your home brighter.

The first helpful hint she gives is to go out and trim all those evergreens so you have an abundance of greenery. "You should let the trimming of your evergreens go, do it now and use all the greens for Christmas. All flower arrangers do that."

To condition your greens, Mrs. Finkbinder suggests dissolving two tablespoons of brown sugar and two tablespoons of household ammonia in one quart of hot water. Cut the greens at a slant and put stems in water for two days. Then they are ready to use. "The greens will stay soft and pliable all through Christmas," Mrs. Finkbinder says. "They can be used without water for wreaths or other arrangements."

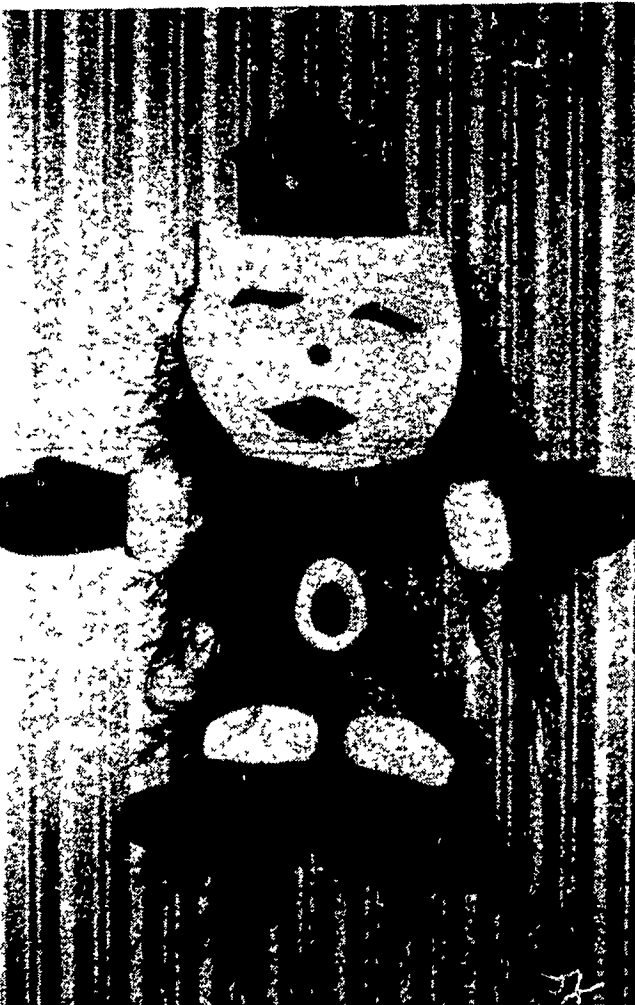
Mrs. Finkbinder has many antiques stored away which she enjoys using as containers for Christmas decorations.



Corn husk and straw offers fascinating alternatives to a flower arranging. Mrs. Finkbinder made the delicate straw star, as well as the corn husk rose and the corn husk package trim.



Creating with greens and natural materials is a joy for Mrs. Finkbinder. Here she works with her greens to create an arrangement with antiques.



Santa Claus can greet visitors to your home in a simple arrangement like this. Santa's body is attached to coat hanger wires, and the whole body is backed with a swag of greens.

She demonstrated how to use holly and other greens in an agate pitcher with an agate tray for a base. The antiques are a perfect setting for the natural beauty of greens. She mentioned that she often will use small pieces of greenery in the container as a sponge instead of more expensive "oasis" or other floral holders.

Another antique arrangement included a round slaw cutter setting on a tin frying pan lid with a candle in the center of the cutter. It was surrounded with greens and small berries or pine cones.

An easy way to make the traditional kissing ball is to use a potato as a base. Mrs. Finkbinder puts a wire around the potato for easy hanging, and inserts boxwood or other small greens into the potato to fashion the ball. A bow or red berries may be added for accent. The moisture of the potato will help keep the greens fresh.

The energetic Mrs. Finkbinder plans to make arrangements of greens as gifts for friends. She stresses, however, that she likes to put the arrangements into inexpensive holders like margarine containers so friends do not feel it necessary to return a gift.

For inspiration, she says, "I like to pick up material and look at it for a while, and after a bit something comes to me."

Upon entering her home, one of the first things to catch the eye is an arrangement she made for a recent flower show, along the theme, "follow the star." A simple straw star is attached to a piece of graceful greenery, and a ceramic shepherd boy carrying a baby lamb is standing at the base. The arrangement is simple, but beautiful.

Mrs. Finkbinder's talent extends to working with corn husk and with straw, which she gathers along with other materials throughout the year. She made a package trim

which consisted of small pieces of corn husk, twine, glued to a cardboard disk. These were arranged in a circle, and backed by some small sprigs of greenery in place.

She has also made some simple stars for decorations. She cautions that it is best to harvest wheat or rye straw "just when it is ready to go into bloom just before it blooms, and you won't have a problem. If you pick before the grain sets, the straw is nicer and the color is brighter."

Throughout the conversation, she makes it clear that she uses a lot of plant material which is natural—like milkweed pods. How does she gather what she needs at the proper time? She said, "Always have clipper with you. But your family won't always stop for you to go. She said most materials can be picked at different times for differing colors and effects."

After she has the material, how does she turn it into acceptable decorations? She says, "I tear anything I see in every farm magazine we get." In fact, she reads even before she had time to devote to flower arrangements tore pictures out of magazines and saved them and put them all into boxes."

She said she enjoys going to flower shows with her husband, some in northern New Jersey, and studying the schedules for ideas. She said open houses at flower shows are another source of inspiration. "You don't even have to go in; you can get good ideas right at the windows."

Another suggestion she has for those who would like to create but feel hesitant about their abilities is to join a flower club. "They hold workshops and there is always someone who knows how to do what you want to do."

In addition to the Lebanon Flower Club, Mrs. Finkbinder joined the Hershey Horticultural Society and the Harrisburg Garden Club. She said she joined the Harrisburg club because she is interested in being a judge, and you must belong to a federated club to be eligible. She explained that to be a federated judge, you have to study for 2½ years. There are three-day sessions on five occasions about six months apart. You must take books and are given tests, and must help apprentice shows. You must also win a certain number of awards at shows during that time."

Mrs. Finkbinder has already met with success at flower shows, mostly the Hershey show, and accepts her fortune with a little surprise and a lot of modesty.

She is obviously ready to try new things. In fact, under her leadership that encouraged the Lebanon Flower Club to include bell pulls in their flower show. The members were reluctant, but she told them that since they don't all read the same Bible verse, they should be encouraged to make different things. As a result, a workshop was held to learn how to make them, and many successful decorations were created.

A popular wreath in the past two years has been made from burlap twine. Mrs. Finkbinder also made one, but with a difference. Her wreath has five braids, but she told me you can't braid with five braids, but you can with any amount. You must just be careful." The thrifty feelings, Mrs. Finkbinder's bale twine has been used around bales, and she just washed it and used it. If she does it again, she states, she will use it after it is braided to avoid some of the fraying. She attached her braid wreath to a double thickness of burlap board, to save the expense of wire frames.

A burlap Christmas tree is another of her creations. Burlap is the main material, fastened to a cone-shaped styrofoam tree. She said you cut squares of burlap, making them 3½ inches for use at the base of the tree. These squares should be frayed ¾ inch on the edges. To save time, she suggests fraying the long strips and cutting the squares later. A small piece of wire is inserted in the center of the square, and the wire is pressed into place in the center of the cone. As you place the squares on the tree, Mrs.

(Turn to Page 44)

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Christmas

(Continued from Page 42)

said, "They must not be too tight or too loose, but the tree should be fairly firm."

Part way up the tree, the squares should be reduced to 3 inches, but still with $\frac{3}{4}$ inch fraying on each side. Closer to the top, the square should be about 2 and $\frac{3}{4}$ inch in size.

After the whole burlap tree is completed, little blocks of wood covered with wrapping paper and red berries may be added as a finishing touch.

Burlap is very versatile, and another use for it is in wreath-making. The burlap wreath, if done in a natural color, is one which can be used for all seasons, with simple changes in adornments. Mrs. Finkbner explains that the burlap must be cut in strips of $\frac{5}{8}$ inch wide, with 12 strips if the fabric is 45-49 inches wide and 10 strips if the fabric is 60 inches wide. After the strips are cut, the two long edges should be frayed $\frac{3}{4}$ inch. Then the strips are folded in half lengthwise to find the center, a step which can be done by hand. At this point, a wire coat hanger should be cut and stretched out except for the hook. The end of the coat hanger is used as a needle, pushing it back and forth through the fabric, taking one-half inch stitches. She explained that larger stitches will require more fabric.

As the fabric is threaded, she said the pleats must be pushed together to form a spiral as you work. Each length of fabric is added after the other, and Mrs. Finkbner says that a clip clothespin should be used to hold the fabric in place while the last piece is being readied.

When the last of the fabric lengths is on the wire, it should be bent to form a wreath and the wire bent over with pliers to hold it in place. At this point a lovely wreath is ready to be hung. Greens and berries may be added for Christmas, or a snowman for January, a heart for February or shamrocks for March.

Another Christmas decoration which catches the eye, is an elongated paddle, which a friend of Mrs. Finkbner found in her cellar following a flood and was ready to pitch out. Mrs. Finkbner told her friend, "Let me take it home and do something with it." What she did was add a velvet type ribbon, with the word "Noel," also cut from ribbon and pasted in place. An artificial corsage was added at the top, and the paddle is ready for a new life.

Mrs. Winfield's talents lie in many directions. She still makes all her own butter, helps with the butchering and enjoys cutting hair. Although they moved off the farm about two years ago, she and her husband are preparing to move onto another farm house on the farm - probably before Christmas.

She grew up in a family of ten children, and says that she and her sisters could "shock" whole fields - and in a way that storms did not disturb the shocks. While raising her own five children she helped with all the farm work. She now has eight grandchildren and she likes to include children in her decorations for Christmas. She also puts

Ida's Notebook

Ida Risser



I've had the opportunity to read the diary of a farm boy that was written 70 years ago. It was my father's diary written when he was in his early teens and lived near Landis Valley.

Some things in the record surprised me and others were quite similar to today's activities. For instance, they threshed grain in December and in February and flailed rye. I always thought it was a Summer job. He was the one who had to churn the butter from their six cows every Monday morning and then drive their washerwoman home in the evening. In the Summer, he also spend days and days picking worms off the tobacco plants which had been planted on "new ground."

It was also this particular year that the stage, which drove between Reading and

Lancaster, stopped delivering the mail. My aunt says that she always tried to get the big crock of potatoes peeled for the day, before the stage brought the mail.

Some of the things that were the same as today were hulling walnuts in the Fall and hunting poke in the Spring. He tended bees and bought sugar to feed them at the nearby village of "Catfish". His family did not speak nor understand Pa. Dutch but some of his expressions showed the influence of the community. Here are a few - "reading up; made stones out; made hickory trees down; grubed weeds and dunged the pigs out."

On Sundays he would walk or bicycle to a nearby "creeck" and fish or swim. He caught suckers and eels. He also trapped and skinned

her artistic talent to work on the flower committee of the Annville Church of the Brethren.

Christmas holidays offer just one more opportunity for this talented farm wife to put her inspiration to work and make interesting decorations to reflect the season. But no matter what the time or year, Mrs. Finkbner's abilities as a flower arranger are working to capture beauty of nature in floral creations.

Farm Women Calendar

NOTE: Farm Women Societies are reminded to send in their 1979 Yearbooks to Lancaster Farming, Farm Women Society News, Box 366, Lititz, Pa. 17543, as soon as possible.

Today, December 16

Lancaster Co. Society 3 meeting; hostess Mrs. Vernon Leininger.

Lancaster Co. Society 5 entertaining husbands at the Landis House.

Monday, December 18

Lancaster Co. Society 31 meeting, 7:30 p.m.; hostess, Pat DeLong.

Lancaster Co. Society 29 meeting, 7:30 p.m.; hostess Mrs. Chris Shenk, Lancaster.

skunks and shot owls. Time was spent hunting a lost turkey gobbler and he was sent to Lancaster to deliver a turkey to "Mr. Hager at the store" for Thanksgiving.

Also mentioned is a two day trip on the trolley to Reading to visit a relative. The family attended the York Fair and a local Brownstown Camp Meeting. Going to school was on an irregular basis as he often stayed home to husk corn. A new tobacco shed was built and the man who put up the spouting was the grandfather of the present roofer. How time does pass by!

Lancaster Co. Society 9 bus tour to Longwood Gardens; leave Willow Street 5 p.m.

Lancaster Co. Society 30 meeting, 7:30 p.m.; hostess, Deb Buckwalter.

Tuesday, December 19

York Co. Society 21 Christmas program; hostess Hazel Snodgrass.

Lancaster Co. Society 27 covered dish supper, 6:30 p.m.

York Co. Society 11 family Christmas dinner, 6:30 p.m. at Hometown Lutheran Church.

Wednesday, December 20

York Co. Society 12 Christmas party and banquet, 12 noon at Rutters Dairyland Restaurant in Red Lion.

Saturday, December 23

York Co. Society 29 Christmas party and dinner, 6:30 p.m. at Willow Valley Farm.

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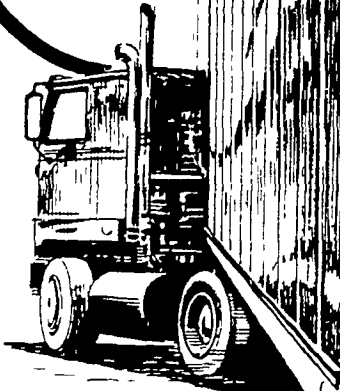
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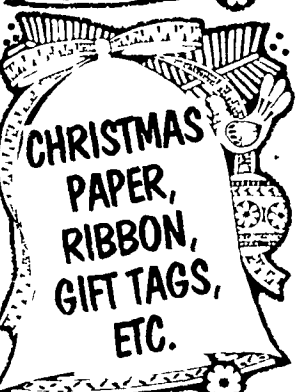
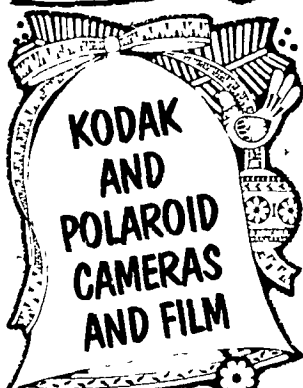
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A freezer helps during the holidays

UNIVERSITY PARK - The freezer can be the homemaker's best friend during a busy holiday season. It can hold a number of regular meals, special party foods and festive dishes which are made ahead and stored safely until needed. The freezer also can preserve leftovers after the holiday meal, say experts.

In the days before the holiday, one can make extra quantities of casseroles and one-dish meals when

preparing the regular meals. The pans should be lined with aluminum foil allowing extra foil to fold over the top. One can place the food in the foil-lined pan and bake the usual way until almost done, remembering to use a light touch with seasonings as some spices become stronger when frozen.

After baking, a person should cool the food quickly. The foil package should be wrapped in moisture-vapor proof material, labeled and

frozen at zero degrees F. or lower.

After food is frozen, one can remove the foil package from the pan so one can continue to use that pan. When ready to use the frozen food, one just pops the foil package back into the original pan.

A person should remember, it takes longer to prepare and heat a frozen casserole, for example, than it does to prepare and bake the ingredients from

scratch. But the convenience of having these prepared foods ready to thaw and serve on busy days may make the extra effort worthwhile.

When preparing foods for the freezer, one should remember that certain foods do not freeze well. A person should avoid freezing cooked egg white in the form of meringues and fluffy frostings, raw vegetables and mayonnaise.

On being a farm wife

—And other hazards

By
JOYCE BUPP



A FARM WIFE'S CHRISTMAS CAROL

(To be sung to the tune of "The Twelve Days of Christmas," with apologies to the composer.)
On the twelve days of Christmas, my true love gave to Me:

- twelve cows a milking;
- eleven steers a fatt'ning;
- ten heifers fleeing;
- nine pigs a rooting;
- eight cats a mousing;
- seven ducks a waddling;
- six hens a laying;
- five greasy rings; (from a motor)
- four corn bins;
- three John Deere's
- two sweet kids;
- and the barn out beside the pear tree...
- and he called it a farm.



Otherwise invisible traces of ancient settlements can often be discerned through the use of aerial photographs.

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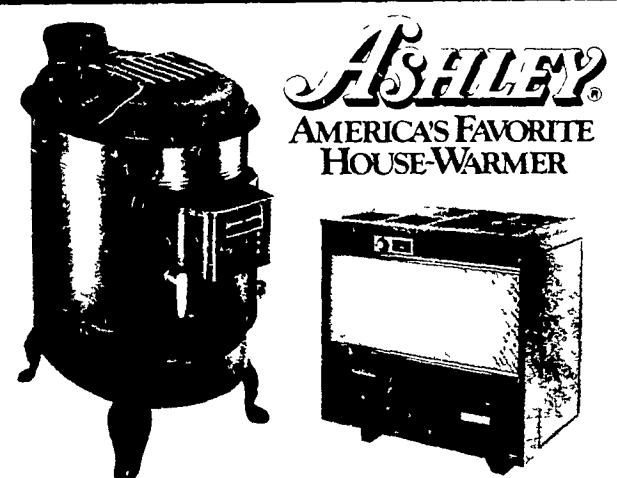
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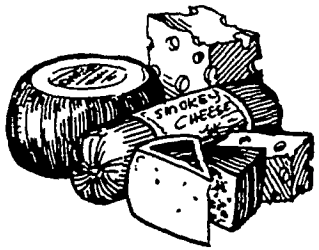
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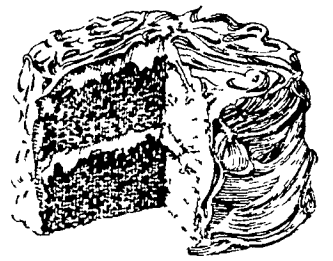
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Home on the Range



Holiday recipes make Christmas extra-special

This is the last week for the Christmas theme for Home on the Range, and we like to think it's the best week yet. Today there are oodles and oodles of holiday recipes that should satisfy just about all the taste buds in the Lancaster Farming area.

Don't forget our turkey recipe theme for next week or the New Year Day holiday recipes for the following week. And be sure to check the theme calendar for the month of January and send your favorite recipes in.

In many of the newspapers which were printed last week, one of the ingredients in the Never Fail Fudge did not show up in the printing. The missing ingredient is 2 cups of walnuts, coarsely chopped.

Send your recipes to Lancaster Farming, Home on the Range, Box 366, Lititz, Pa. 17543.

BANANA MALLOW PARTY PIE

1 package vanilla pudding and pie filling mix (31/8 ounce size)
1 1/2 cups miniature marshmallows
1 cup heavy cream, whipped
2 bananas
9 inch baked vanilla wafer crust, chilled

Prepare mix as directed for pie filling on package, except using 1 3/4 cup milk. Cover surface of pie filling with waxed paper or transparent wrap; chill. Mix until well blended; fold in marshmallows and whipped cream. Slice bananas into crust. Pour filling over bananas. Chill for several hours or overnight.

PARTY CHEESE BALL

2 packages cream cheese (8 ounces each)
2 cups shredded sharp cheddar cheese
1 tablespoon chopped pimiento
1 tablespoon chopped green pepper
1 tablespoon finely chopped onion
2 teaspoons worcestershire sauce
1 teaspoon lemon juice
dash of cayenne
dash of salt
finely chopped pecans

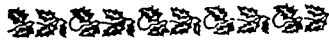
Combine softened cream cheese and cheddar cheese, mixing until well blended. Add pimiento, green pepper, onion, worcestershire sauce, lemon juice and seasoning; mix well. Chill. Shape into ball; roll in nuts. Serve with crackers. During the party season, leftover cheese ball can be reshaped and refrigerated until the next event.

Debra Cassel

Dauphin County dairy princess

SEVEN LAYER SQUARES

1/4 pound butter or margarine
1 cup graham cracker crumbs
6 ounces chocolate chips
6 ounces butterscotch chips
1 1/2 cups chopped nuts
1 small can coconut
14 ounces condensed milk



One of the Christmas goodies featured this week is Seven Layer Squares, seen above. Easy to make and delicious to eat, the squares should be a favorite of those who like to snack.



Heat oven to 350 Degrees F. Melt 1/4 pound of butter or margarine in a 13 x 9 x 2 inch pan. Sprinkle remaining ingredients on top of the butter, excepting the milk. Drizzle the milk over all the ingredients in the pan. Bake for 30 minutes or until golden brown. Cut when warm.

Mrs. Carl S. Bacon
Felton, Pa.

CRANBERRY RELISH

1 pound fresh cranberries
6 average size apples
2 oranges
2 cups granulated sugar

Wash and drain cranberries. Cut oranges and unpeeled apples in to eighths. Put all through a food chopper. Stir in the sugar. The flavor will improve on standing. This recipe is said to be excellent for making ahead and freezing for the holidays.

Mrs. Harold Moore
Franklin, Pa.

HONEY DROP COOKIES

1 cup shortening
1 cup brown sugar, packed
2 eggs
1/2 cup honey
1 teaspoon vanilla
3 1/2 cups flour
2 teaspoons baking soda

Mix shortening, sugar and eggs thoroughly. Stir in the honey and vanilla. Blend the flour with the baking soda and stir in with the other ingredients. Chill dough until firm. Roll dough into balls or drop onto ungreased baking sheet with a teaspoon. Bake for ten to 12 minutes at 350 Degrees F. Makes six dozen cookies.

CRUNCHY DROP COOKIES

1/2 cup shortening, soft
1 cup firmly packed brown sugar
1 egg
3 tablespoons milk
1 teaspoon vanilla
1 1/4 cups sifted all-purpose flour
1/2 teaspoon baking soda
1/4 teaspoon salt
2 cups granola cereal

Beat shortening, sugar, egg, milk, and vanilla together until creamy. Sift together flour, soda, and salt, add to creamed mixture, blend well. Stir in cereal. Drop by teaspoonfuls onto greased cookie sheet. Bake in preheated moderate oven (350 Degrees F) for ten to 12 minutes. Makes three dozen cookies.



PEANUT BUTTER COOKIES

1/2 cup soft shortening (half butter)
1/2 cup peanut butter
1/2 cup granulated sugar
1/2 cup brown sugar, packed
1 egg
1 1/4 cups sifted flour
1/2 teaspoon baking powder
3/4 teaspoon baking soda
1/4 teaspoon salt

Mix the shortening, peanut butter, sugar, brown sugar, and egg together thoroughly. Sift together the flour, baking powder, baking soda, and salt and stir in. Chill the dough. Roll into balls the size of large walnuts. Place three inches apart on a lightly greased cookie sheet. Flatten with a fork dipped in flour; crisscross. Bake until set, but not hard at 375 Degrees F for ten to 12 minutes. Makes about three dozen, 2 1/2 inch size cookies.

Another way to shape these cookies is to shape them into one inch balls, rolled in granulated sugar. Place them two inches apart on an ungreased cookie sheet. Press five peanut halves on top of each.

Gloria Loch
Fogelsville, Pa.

SUGAR CAKES

1 cup shortening
1/2 cups granulated sugar
2 eggs
3/4 cup thick sour cream or buttermilk
1/2 teaspoon baking soda
1/2 teaspoon salt
3 cups flour
1 teaspoon vanilla extract

Cream together sugar and shortening. Add the remaining ingredients. Chill for at least two hours. Drop by teaspoonful onto greased baking sheets. Bake in 375 Degree F. oven until lightly browned, about eight to ten minutes.

Mrs. Paul Baumgardner
Emmitsburg, Md.

CHURCH HOUSE WINDOW COOKIES

12 ounces chocolate bits
1 stick margarine
1 cup nuts
1 bag colored miniature marshmallows
coconut

Melt the chocolate bits and margarine together, cool slightly, then add one cup of nuts and the bag of colored miniature marshmallows. Make the mixture into three or four logs and roll in coconut and slice down.

Mrs. Merle Mishler
Hollsopple, Pa.

Recipe Theme Calendar DECEMBER

23

Turkey Specialties
Deadline December 16

30

New Year Day Dinners
Deadline December 23

JANUARY

6

Poultry Recipes
Deadline December 30

13

Pork Recipes
Deadline January 6

20

Beef Recipes
Deadline January 13

27

Lamb Recipes
Deadline January 20

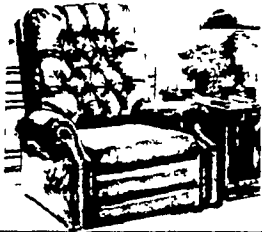


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Holiday recipes

(Continued from Page 46)

WAFFLES AND ICE CREAM

2 cups flour
4 teaspoons baking powder
1/4 teaspoon salt
2 tablespoons granulated sugar
2 eggs
1/4 cup milk
4 tablespoons butter

Mix the sugar, eggs, salt, and the butter together. Gradually add the flour, baking powder, and then add the milk. Bake in a waffle maker. When baked, put ice cream in waffles and serve.

EGGLESS CHOCOLATE CAKE

1 cup brown sugar
1 cup granulated sugar
3/4 cup butter
5 tablespoons cocoa
2 cups sour milk
3 cups flour
little salt
1 teaspoon vanilla

3 teaspoons baking soda dissolved in a little cold water
Melt the butter until hot. Add to the sugar and cocoa which has been mixed together with the milk, salt, vanilla, and flour. Add the soda last. Bake at 300 Degrees F. until done.

Lancaster Farming, Saturday, December 16, 1978-47

WALNUT PIE

1 cups walnuts
1 cup brown sugar
1 cup molasses
2 eggs
1 1/2 cups water
1/4 teaspoon salt

Mix all the ingredients, except the walnuts, together and boil for five minutes. Add the walnuts, and mix again. Pour into unbaked pie crusts and bake at 350 Degrees F. until done.

MINCEMEAT APPLE CRISP

1 3/4 cup prepared mincemeat
4 medium apples, pared and sliced
1/2 cup brown sugar
1/2 cup flour
1 teaspoon cinnamon
1/4 cup butter

Place half of the apples in a buttered 8 x 1 1/2 inch round baking dish. Top with half the mincemeat. Repeat the layers. Mix the remaining ingredients together until they are crumbly. Sprinkle over the top and bake at 350 Degrees F. for about 45 minutes or until done. Serve warm.

Mrs. Charles Biehl
Mertztown, Pa.

HARLEQUIN SALAD

3 ounces cherry gelatin
3 ounce package lime gelatin
3 ounce package lemon gelatin

(Turn to Page 49)

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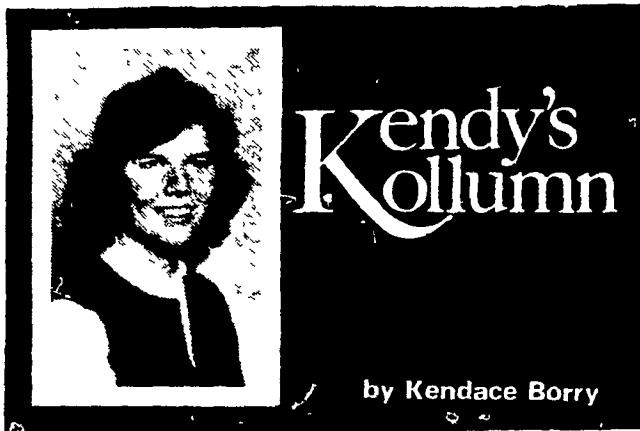
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I noticed that the first ice was forming on the pond as of Wednesday of this week, and I immediately dived into the closet searching for my ice skates. While I'm not quite patient enough to continually sit by the pond waiting for the cold water to solidify, those skates will be ready the moment that the ice is.

As soon as the German shepherd signifies that all is safe by crossing over without any ominous cracking noises, the skates are on. Then it's just up to us crazy skaters as we try to make fools of ourselves.

I have always had this fascination for ice skating. My father used to tell me of my first encounter with the smooth glassy surface.

I was about five, and the family was out for a drive. We passed a lake where scores of people were out skating. I immediately set up a howl to stop, and we did.

Everybody hopped out of the car, but I was miles ahead of them. Toddling off as fast as my little legs would go, I charged out onto that ice like I owned it.

The result was that I fell flat on my nose, and split my lip. It was a quick retreat back to the car, trailing blood the whole way.

But this experience didn't dampen my enthusiasm for that Winter sport. Ice skates were always on my Christmas list as I outgrew my old ones and seldom did a year go by that I didn't fall in the pond at least once.

There was the time when my brother and I, on shaky warm weather ice stood face to face and battled for possession of the hockey puck while around us, the cracks widened. The game ended when we both went in the drink.

Another time an adventurous girlfriend and I decided that we were going to try and jump over a sled. After all, famous skaters jump over a barrel; why couldn't we leap right over the battered relic of our past snowy adventures?

Well we soon found out. I skidded half way across the pond on my head, with the tip of my skate dragging that old sled right with me. That ended that bright idea.

Every time I see the professional skaters doing their thing, my heart goes out to them. I do so wish I could skate like that. They have such poetry in motion, and worse than that, they make it look so easy.

All I can say is that I try. What I lack in skill I make up for in enthusiasm.

Houseplants used for holidays

UNIVERSITY PARK - For year-round greenery, one can trade in that short-lived holiday evergreen for a large-sized houseplant, suggest Extension horticulturists at Penn State.

A large Parlor Palm, Dieffenbachia or Schefflera are strong enough to hold light-weight ornaments. Or the pot can be ringed with a holiday bow. For that evergreen look, one should select a Norfolk Island Pine. Mild temperatures make it a good indoor tree, although it could eventually outgrow your home.

Rubber plants are a sturdy, handsome choice.

They come with solid green foliage or green leaves splashed with white and red. Most specimens aren't heavily branched and at maturity, they may reach a height of ten feet or more.

Many of these house "trees" adapt well to household environment and require minimal care, say the Extension horticulturists. But one should talk with the staff at a reliable greenhouse or plant store to learn more about the choices in large houseplants, making sure to get proper care instructions for a holiday houseplant.



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Home on the Range

(Continued from Page 47)

- 1 cup miniature marshmallows
- 1 small can crushed pineapple, drained
- 3 ounces cream cheese
- 1 envelope whipped topping mix

Prepare the cherry and lime gelatin as directed on the box in separate bowls. Dissolve lemon gelatin with one cup of boiling water. Add marshmallows and stir until melted. Let set until cool. Pour the lime gelatin into a serving dish. Refrigerate until set. Soften the cream cheese. Prepare the whipped topping as directed on the envelope. Add the cream cheese. Beat until completely blended. Blend the lemon mixture and whipped topping together. Pour over the lime mixture. When the cream mixture has set, pour on the cherry gelatin. Refrigerate until set. Serve.

Mrs. Daniel Weaver
Boiling Springs, Pa.

PEANUT BRITTLE

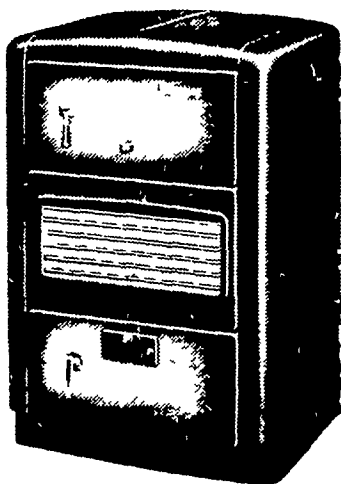
- 3 cups granulated sugar
- 1 cup water
- ½ cup light corn syrup
- ½ cup butter
- 1 pound raw Spanish peanuts

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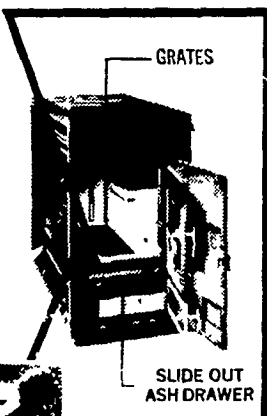
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- 1 teaspoon baking soda
- 1 teaspoon vanilla

Boil the sugar, water and corn syrup until it threads. Add the butter and peanuts; cook slowly to 300 Degrees F. stirring occasionally. Add the soda and the vanilla. It will foam up. Turn out onto two buttered baking sheets; pull out thin as it cools. When cold, break into pieces with a knife handle. Makes about three pounds.

Mrs. Ruth E. Ruoss
Blain, Pa.

CHRISTMAS ROLLS

- 1 pound nuts
- 1 pound marshmallows
- 1 pound dates
- 1 cup heavy cream
- 1 box graham crackers (rolled fine)

Cut every ingredient into fine pieces. Mix together, saving enough graham crackers crumbs to roll the rolls in. Make into rolls. Roll in crumbs. Wrap in foil and put in freezer. Slice when ready to use.

GUMDROP COOKIES

- 1 tablespoon butter
- 2 cups brown sugar
- 4 eggs
- 1 tablespoon water
- 2 cups sifted flour
- ¼ teaspoon salt
- 1½ cups gumdrops, cut in quarters
- ¾ cup chopped nuts

Orange Icing

- 3 tablespoons softened butter
- 2 tablespoons orange juice
- 1 teaspoon grated orange rind
- 1½ cup sifted confectioners' sugar

Cream butter and sugar together. Beat the eggs until light and lemon colored, blend with water into a creamed mixture. Sift together the flour, cinnamon, and salt, gradually stir into the sugar mixture. Fold in gumdrops and nuts. Pour into greased 15½ x 10½ x 1 jelly roll pan. Bake in moderate oven at 350 Degrees F. for 25 minutes. Frost with orange icing while still warm. When set, cut into 30 squares.

To make icing, combine ingredients, and beat until smooth. Frost.

CHOCOLATE CHERRY NIBBLES

- 8 ounces maraschino cherries (with stems)
- ¼ cup chocolate pieces, melted
- ½ cup finely chopped walnuts

Thoroughly drain the jar of maraschino cherries with stems. Dip the bottom half of the cherries in ¼ cup of melted chocolate pieces; then dip them into the finely chopped walnuts. Chill. Serve as candy or a garnish for a fruitcake.

HOLIDAY CANDLE RING

- 30 marshmallows
- ½ cup butter
- 1 teaspoon vanilla
- 2 teaspoons green food coloring
- 3½ cups corn flakes
- red dots and silver or gold dragettes

Combine marshmallows, butter, vanilla and food coloring in top of double boiler. Heat over water until marshmallows and butter are melted, stirring frequently. Gradually stir in corn flakes. Drop from teaspoon onto waxed paper; with hands, shape into tiny wreaths 1½ to 2 inches in diameter. Decorate with tiny candies. Makes about 30.

These can also be made by dropping mixture from spoon in a circle on waxed paper. Then with your hands, shape into a nine inch wreath or candle ring. Decorate with red candied cherries and silver dragettes.

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MERRY MACAROONS

- 4 egg whites
- ¼ teaspoon cream of tartar
- 1½ cup granulated sugar
- 1 cup chopped pecans
- 1 cup flaked coconut
- ½ cup crushed peppermint candy
- 3 cups corn flakes

In a large mixing bowl, beat the egg whites until foamy. Stir in the cream of tartar. Gradually add the sugar, beating until stiff and glossy. Fold in the nuts, coconut, peppermint candy and the corn flakes. Drop by rounded teaspoons onto well-greased baking sheets. Bake at 325 Degrees F. for about 20 minutes or until lightly browned. Remove from the baking sheets immediately. Cool. Yields about six dozen.

HOLIDAY STYLE SCRAMBLED EGGS

- 1 can cream of chicken soup
- 8 eggs, slightly beaten
- dash of pepper
- 2 tablespoons butter or margarine

Stir the soup until smooth, blend in the eggs and pepper. In a skillet, melt the butter, pour in the egg mixture. Cook over low heat until set. Serve.

CHOCOLATE CREAM CHEESE BROWNIES

- 4 ounces sweet cooking chocolate
- 2 tablespoons butter or margarine
- 3 eggs
- 1½ teaspoons vanilla
- 1 cup granulated sugar
- ½ cup all purpose flour
- ½ teaspoon baking powder
- ½ cup chopped walnuts
- 3 ounces package cream cheese, softened

Melt the chocolate and butter, cool. In a bowl, beat together two eggs and one teaspoon vanilla, gradually add ¾ cup sugar. Continue beating till thick and lemon-colored. Stir together flour, baking powder, and ¼ teaspoon salt, add to egg mixture. Beat well. Blend in chocolate mixture and nuts, set aside. Cream together cream cheese and ¼ cup sugar until fluffy. Blend in remaining egg and vanilla. Spread half of the chocolate mixture in a greased and floured 8 x 8 x 2 inch baking pan. Pour the cheese mixture over top with remaining chocolate mixture. Swirl layers to marble. Bake at 350 Degrees F. 40 to 50 minutes. Cool. Makes 16.

CASHEW BRITTLE

- 2 cups granulated sugar
- 1 cup light corn syrup
- 1 cup butter or margarine
- 3 cups cashews (about 12 ounces)
- 1 teaspoon baking soda

In a heavy 3-quart saucepan, combine sugar, corn syrup, and ½ cup water. Cook and stir until sugar dissolves. Bring syrup to boiling, blend in butter or margarine. Stir frequently after the mixture reaches the thread stage and candy thermometer registers 230 Degrees F. Add cashews when temperature reaches soft-crack stage, 280 Degrees F. Stir constantly till temperature reaches hard-crack stage, 300 Degrees F. Remove from heat. Quickly stir in soda, mixing well. Pour onto two buttered baking sheets or two buttered 15½ x 10½ x 1 inch baking pans. As the candy cools, stretch it by lifting and pulling with two forks from edges to make it thinner. Loosen candy from pans as soon as possible. Turn candy over, break into pieces. Makes 2½ pounds of candy.

SPICY WALNUTS

- 1½ cups confectioners' sugar
- 2 tablespoons cornstarch
- 1 teaspoon ground cinnamon
- ¼ teaspoon ground cloves
- ¼ teaspoon ground allspice
- 1/8 teaspoon salt
- 1 tablespoon grated orange rind
- 1 egg white
- 1 tablespoon orange juice
- 2 cups walnuts

Sift the sugar, cornstarch, cinnamon, cloves, allspice and salt into a medium size bowl; stir in the orange rind. Beat the egg white and orange juice until slightly foamy, stir in walnuts. Toss to coat thoroughly. Drain thoroughly. Roll walnuts in sugar mixture, a third at a time, until coated thoroughly. Spread out on a cookie sheet, so that the nuts do not touch. Bake in a slow oven (250 Degrees F.) for one hour or until dry. Cool before storing in a covered container. Keeps one month.

(Turn to Page 51)

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Farm Women Societies

Berks Co. Society 3

A night out with the stars describes the November meeting of the Berks County Farm Women Society 3. Mr. Leslie King presented a program at the Boyertown Junior High-East-Planetarium, on various constellations and star formation. He showed the ladies how to identify the formations, such as O'Ryan, Indian Children and the Milky Way.

After the presentation the Society went to the home of Mrs. Mary Hill, Boyertown, where President Leverage Richard conducted the meeting.

Delegates selected for the state convention were Mrs. Richard Loeb, Mrs. Harvey Moyer, and Mrs. Ernest Hartine, along with State Director, Mrs. Joseph Bartholomew. Fruit baskets for shut-ins, a contribution to the Patty Babel fund, cookies for Berks Heim baskets and the state convention were worked on and discussed.

The next meeting will be a Christmas party at the Stahl's Home in New Berlinville. Secret pals will be revealed at the party.

Lancaster Co. Society 2

Lancaster County Farm Women Society 2 held their monthly meeting on December 9 at Salem United Methodist Church of Manheim. Betty Geib served as hostess.

Holiday songs were sung and Christmas games were played.

A contribution was made to the Mental Health. Fruit baskets have been packed for area shut-ins.

The Korean child which Society 2 has been supporting is now able to support herself; thus a new child will receive the support of Society 2 and her name is Park Soon Shum.

The Sunshine Committee will make Christmas more cheerful for a local child that is in the hospital. The Society remembered retired Sisters with a monetary contribution.

Two newly elected officers were installed, they are: Vice-president, Mae Hosler and Corresponding Secretary, Betty Geib.

Out-going President Grace Miller handed over the Presidents gavel to incoming President, Martha Brandt. Edna Loose is the newsreporter.

Lancaster Co. Society 8

Forty seven people, including husbands and friends, attended the covered dish and roast turkey dinner on December 9 at the Lancaster County Farm Women Society 8 annual Christmas party. Vera Frey, Marietta RD, hosted the Society in her home. Agnes Houseal and Margaret Heisy served as co-hostesses.

The next meeting will be held at the home of Mrs. Pauline Miller, Mt Joy on January 20, at 2 p.m. Reports of the convention will be given and a musical package will be included. Marv Grace Martin will be in charge of devotions and the hostesses will be Pauline Miller, Kathryn Heisey, Kathryn Erb and Mary Reist.

Lancaster Co. Society 10

Mrs. Charles Stauffer of Rohrerstown hosted the Christmas party held recently by Lancaster County Farm Women Society 10.

Instead of exchanging gifts the monetary gift value was donated to the Christ Home for Children and the East. Society. Other donations were given to Water Street Rescue Mission and the Salvation Army.

A memorial gift was given to the American Cancer Society in memory of a former member, Mrs. Rhoda Buckwalter.

The January meeting will be held at the home of Mrs. Mary McGrann, 1464 New Holland Pike.

Lancaster Co. Society 13

Women in Africa was the title of a talk given by a former missionary to Africa, Mrs. Clyde Sheak, at the Lancaster County Farm Women Society 13 December meeting. Rhoda Herr served as hostess, with 23 members and five guests attending.

President Evelyn Brubaker conducted the meeting. Twelve Society members will be attending the state convention. The Society voted to give more

gifts to friends for medical expenses for the Society's Christmas project. Mary Ann Kimmel led the group in singing carols.

York Co. Society 11

An annual family Christmas dinner is planned by York County Farm Women Society 11 for December 19, 6.30 p.m. at the Hometown Lutheran Church.

Cora Kiser hosted the

(Turn to Page 51)

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Home on the Range

(Continued from Page 49)

HOT RUM CIDER

2 sticks cinnamon
½ teaspoon whole allspice
12 whole cloves
6 cups apple cider
¼ cup maple syrup
2 tablespoons lemon juice
1 teaspoon rum extract

Tie cinnamon, allspice and cloves in a small cheesecloth bag. Mix cider, maple syrup, and lemon juice in a large saucepan, add spice bag. Heat to boiling; reduce heat and simmer 15 minutes. Remove spice bag. Stir in rum extract.

PEANUT BUTTER SWIRLS

½ cup creamy peanut butter
¼ cup shortening
1 cup granulated sugar
1 egg
2 tablespoons milk
1¼ cups all-purpose flour
½ teaspoon salt
½ teaspoon baking soda
6 ounces milk chocolate or semi-sweet chocolate pieces, melted and cooled

Cream peanut butter, shortening, and sugar until fluffy. Beat in egg and milk. Stir together flour, salt and soda. Stir into peanut butter mixture; blend well. Chill until firm enough to handle, one to two hours. Divide in half. Roll half of the dough on a floured cloth to a 10 x 8 inch rectangle. Spread with half the chocolate. Starting at long side, roll as for jelly roll, using cloth to help roll. Repeat with remaining dough and chocolate. Wrap in waxed paper, chill only 30 minutes. (If cookie rolls are refrigerated longer, the chocolate hardens, making the

rolls difficult to slice.) Slice cookies about ¼ inch thick. Place on ungreased cookie sheet. Bake at 375 Degrees F. for seven to eight minutes. Makes 4½ to 5 dozen.

PUMPKIN CAKE

3 eggs
1 pound can pumpkin
¾ cup vegetable oil
½ cup water
2½ cups all-purpose flour
2¼ cups granulated sugar
1½ teaspoons baking soda
1¼ teaspoons salt
¾ teaspoon nutmeg
¾ teaspoon cinnamon
1 cup yellow raisins
½ cup chopped walnuts

Beat together eggs, pumpkin, oil, and water, add the remaining ingredients. Pour batter into bundt pan and place in oven at 350 Degrees F. for one hour and 15 minutes or until test shows done. Cool and frost if desired.

HOLIDAY CHEESECAKE

2 pounds cream cheese
1½ cups granulated sugar
6 eggs
½ teaspoon almond flavoring
2 teaspoons vanilla
¼ cup raisins
½ cup sliced almonds

Topping

one pint sour cream
½ cup granulated sugar
1 teaspoon vanilla

Blend cream cheese and granulated sugar. Add eggs, one at a time, beating well after each one. Add the rest of the ingredients, excepting those for the topping. Pour the batter into unbaked graham cracker crust. (Line a 10 inch spring pan with crust.) Bake one hour at 350 Degrees F. Remove cake from oven and turn heat to 400 Degrees F. Blend in one pint sour cream and ½ cup granulated sugar

Lancaster Farming, Saturday, December 16, 1978—51

and add one teaspoon vanilla. Pour over baked cake and return to oven for ten minutes. Remove. Cool.

NO COOK FUDGE

½ pound semi-sweet chocolate
2 tablespoons margarine or butter
1 pound confectioners' sugar, sifted
dash of salt
2 eggs, well beaten
1 teaspoon vanilla

Cut chocolate into small pieces; melt in a double boiler over hot, not boiling water. Add margarine, stir until melted. Remove from heat. Gradually add sugar and salt to eggs. Blend into warm chocolate. Add vanilla. Spread in buttered 8 x 8 inch pan. Chill until firm. Cut into one inch squares. Store in airtight container up to two or three weeks. Makes about five dozen squares.

APPLE CRUMB PIE

¼ cup butter
1 cup granulated sugar
¾ cup flour
1 teaspoon cinnamon
5 or 6 large apples
4 tablespoons water

Combine the butter, granulated sugar, flour, and cinnamon together and cut in butter with a pastry blender. Spread one half of the crumb mixture over the sides and bottom of an unbaked 9 inch pie shell. Peel and core five or six large apples and cut in quarters. Place apples around sides of pie shell with sides overlapping. Fill in center with remaining apples. Sprinkle four tablespoons of water over the apples. Cover the apples with the remaining crumbs. Bake in a 400 Degree F. oven for 45 minutes or until the apples are puffy and slightly brown.

Farm Women Societies

(Continued from Page 50)

York Co. Society 12

November meeting. Chris Waltersdorff of Penn State discussed the 4-H program.

The Society approved donations to the Mental Health Association, the Lung Association and to the Society's Love Offering for a state scholarship for a member's daughter. The group realized over \$36 profit from an auction they had.

Delegates to the state convention include: Arlene Miller of Loganville; Cora Kiser of Seven Springs R2; and Mary Carman of Glen Rock R2.

Members of the program committee for the Christmas program are Naomi Bupp, Sarah Snyder, Carol Bupp and Cheryl Miller.

"Teaching in the Good Ole Days-Fifty Years Ago" was the theme of Mrs. Carl S. Bacon, at the November meeting of York County Farm Women Society 12.

Donations were given to the State Scholarship Love offering and to CARE.

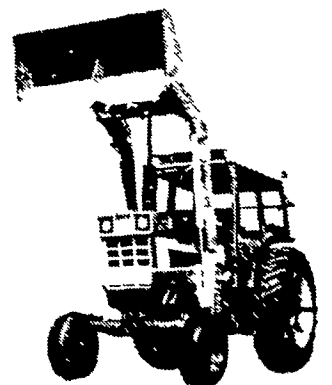
President Janet Kahler conducted the business meeting. Delegates were appointed to attend the State Farm Women's Convention, January 8 and 9. The delegates will be Mrs. Romaine Trout, Mrs. Bernice Manchey, and Mrs. Janet Kohler.

The gift exchange and secret pals will be revealed at the Christmas party and banquet to be held at Rutters Dairyland Restaurant in Red Lion on Wednesday December 20 at noon.



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Junior Cooking Edition

This weeks Junior Cooking Edition is filled to the brim with cookies, fudge, candy, and other holiday goodies, which we will feature more of next week. There is also a playdough recipe which is an easy gift to make for your friends, or brothers and sisters.

There has been a change in deadlines for recipes. Please have all your recipes for the themes listed, in to Lancaster Farming, Junior Cooking Edition, Box 366, Lititz, Pa. 17543, two weeks in advance.

The week of December 30, we will feature recipes with cheese. The following week we will feature eggs.

The second and third week of January will start the theme of breakfast goodies, such as pancakes, cereal and breakfast pastry.

Please be sure to include your complete name, address, age and phone number, as well as the complete directions for your favorite.

Junior readers who have their recipes published will receive a small gift for taking the time to send their recipes in. This is our way of thanking you for your time.

Happy baking!
CHRISTMAS JEWELS

1 cup butter
½ cup granulated sugar
3 hard cooked egg yolks
1 teaspoon vanilla
2 cups sifted flour
strawberry or current jelly

Cream together butter and sugar until light and fluffy. Break up egg yolks and beat into creamed mixture. Blend well. Add vanilla. Gradually stir in flour. Shape dough into small balls and place on cookie sheets. Make a dent in the top of the cookie. Bake at 375° F for 10 minutes. Remove from oven. Fill dents with jelly. Bake for two more minutes.

Raymond S. Allgyer
Narvon R2, Pa.

RANGER JOE COOKIES

1 cup shortening
1 cup granulated sugar
1 cup brown sugar
2 eggs
1 teaspoon vanilla
½ cup chocolate chips
1 teaspoon baking soda
½ teaspoon baking powder
2 cups flour
2 cups rice popped cereal
2 cups oatmeal
1 cup coconut
½ teaspoon salt
½ cup walnuts

Mix ingredients in the order they are given. Roll into small balls. Place on greased cookie sheets and flatten the balls with a fork. Bake at 350° F. until done.

Daniel Miller
Age 12
Leola, Pa.

PEANUT BUTTER COOKIES

1 cup shortening
1 cup peanut butter
1 cup brown sugar
1 cup granulated sugar
2 eggs
3 cups flour
½ teaspoon salt

2 teaspoons baking soda
1 teaspoon baking powder
1 teaspoon vanilla

Cream shortening and peanut butter together. Add sugars and continue to beat. Add eggs and vanilla and beat until fluffy. Sift flour. Measure and add salt, soda, and baking powder. Sift again. Gradually add sifted dry ingredients to creamed mixture and mix thoroughly. Chill dough in refrigerator for several hours. Shape dough into balls one inch in diameter. Place balls two to three inches apart on greased baking sheet. Press flat with a lightly floured fork. Bake at 375° F for 12 to 15 minutes. Makes seven dozen cookies.

Louis Martin
Age 11
Cochranville, Pa.

FRUIT BALLS

¾ pound dates
½ box apricots
½ box prunes
½ box raisins

Put all fruit through a food grinder. Then roll the ground fruit into little balls and roll into coconut or confectioners' sugar. Store in the refrigerator.

Cathy Bawell
Age 12
Leola R1, Pa.

COCONUT BALLS

1 stick margarine
¾ cup granulated sugar
2 egg yolks
½ pound dates
1½ rice popped cereal
½ cup chopped nuts
1 teaspoon vanilla

COCONUT

Chop the dates fine. Cook margarine, sugar, egg yolks, and dates over low heat for five minutes. Take off of heat and add cereal, nuts, and vanilla. When partially cooled roll into balls. Then roll in coconut.

Mary Ella Zeist
Age 13
Narvon R1, Pa.

TRAILSIDE OATMEAL TREATS

1 cup shortening
1 cup creamy or chunky peanut butter
2 cups granulated sugar
2 cups firmly packed brown sugar

4 eggs
½ cup milk
2 teaspoons vanilla
4 cups all-purpose flour
2 teaspoons baking soda
1 teaspoon salt
5 cups oatmeal (quick or uncooked)

1 cup semi-sweet chocolate pieces
1 cup raisins
Beat shortening, peanut butter, and sugar together until creamy. Blend in eggs, milk, and vanilla. Sift

together flour, soda, and salt. Add to creamed mixture, blend well. Stir in oats, chocolate bits, and raisins. Drop by spoonfuls onto cookie sheets. Bake at 350° F. oven for about 15 minutes. Makes seven dozen.

Francis Hoover
Age 13
Leola, Pa.

HONEY MILK BALLS

½ cup honey or corn syrup
½ cup peanut butter
1 cup dry milk
1 cup oatmeal

Combine all ingredients in a large bowl. Mix by hand. Shape into two dozen balls.

Martha Zimmerman
Age 6
Mohnton, Pa.

SOUR CREAM OATMEAL COOKIES

¾ cup butter
2 cups brown sugar
2 eggs
¾ cup sour cream
1 teaspoon baking soda
2 cups flour
2 cups oatmeal
pinch of salt
½ teaspoon cinnamon

1 teaspoon vanilla
½ cup nuts
½ cup chocolate bits
Cream butter and sugar. Add eggs, sour cream, and soda. Beat well. Stir in remaining ingredients. Drop on greased cookie sheets. Bake in 350° F. oven for about 15 minutes, or until done.

Mary Ann Hostetler
Age 12
Selinsgrove R3, Pa.

MOLASSES COOKIES
6 cups sifted flour
3 teaspoons baking soda
1 teaspoon salt
2 teaspoons ginger
3 teaspoons cinnamon
1 cup shortening
2 cups brown sugar
2 eggs
1 cup dark molasses
2 cups sour milk or buttermilk

1 teaspoon vanilla
Mix sugar, eggs, and shortening well. Add flour, spices, salt, vanilla, and soda. Add molasses and

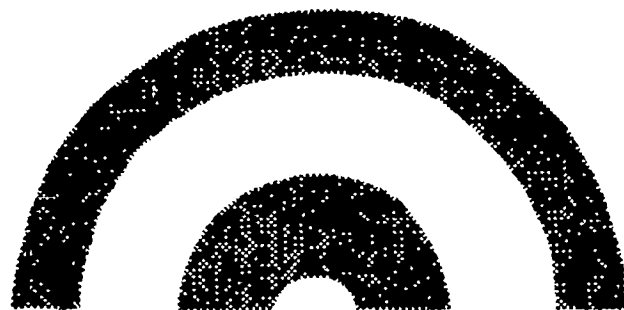
(Turn to Page 53)

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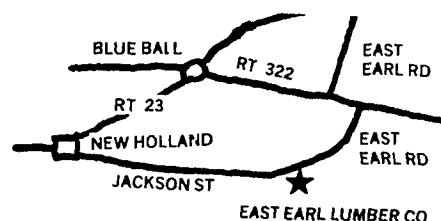
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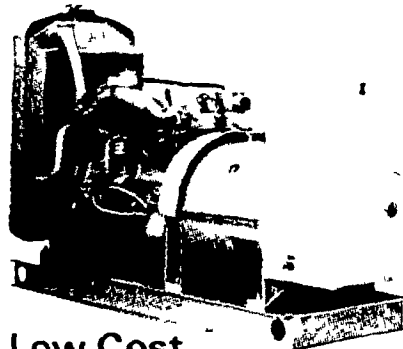


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Junior Cooking Edition

(Continued from Page 52)

milk. Drop on greased cookie sheet. Bake at 400° F. until done. Optional: Ice the top of the cookies. Any cake icing will do.

Eva Miller
Age 11
Leola, Pa.

PLAYDOUGH

1½ cups water
½ cup salt
½ teaspoon food coloring
2 tablespoons powdered alum
1 tablespoon cooking oil
2½ cups flour

Note: This recipe is not for eating. Mix the first three ingredients and bring to a boil. Remove from heat and add alum and cooking oil. Pour over flour. Knead while very warm. To keep dough from drying out, store balls wrapped in tin foil, in a closed jar.

Dorcas Stoltzfus
Age 8
Dundee, N.Y.

HOMEMADE CANDY

2 tablespoons butter or margarine
1 tablespoon light corn syrup
2 teaspoons vanilla
pinch of salt
1 cup confectioners' sugar
coconut, optional

Combine all ingredients except coconut. Mix well. Chill. Roll into small balls the size of walnuts. If desired, roll in coconut, or

anything you want. Also good just plain.

Barry Ruoss
Age 10
Blain R1, Pa.

EASY PEANUT BUTTER FUDGE

1 cup peanut butter
1¾ cups granulated sugar
1 cup marshmallow creme
½ cup evaporated milk
1 tablespoon margarine

Lightly butter an 8x8 inch square cake pan. Measure the peanut butter and marshmallow creme and set aside. In saucepan, mix sugar, milk, and margarine over medium-high heat. Stir constantly until the mixture comes to a full boil. There should be bubbles all over the top. As soon as it comes to a full boil, boil three minutes longer over medium heat, stirring constantly. Immediately remove from heat and beat in the peanut butter and marshmallow creme. Turn the fudge into the pan. Cool and cut.

Anna Mae Sauder
Age 10
East Earl R1, Pa.

CHOCOLATE CHIP COOKIES

1 cup shortening
1 cup brown sugar
½ cup granulated sugar
2 eggs
1 teaspoon vanilla
2 cups flour

¾ teaspoon salt
1 teaspoon baking soda
1 cup chocolate chips
Cream shortening and sugar. Add eggs and vanilla. Mix well. Gradually add the dry ingredients. Thoroughly mix. Add in chocolate chips. Bake in 350° F. until done

Arlene R. Sauder
Age 14
East Earl R1, Pa.

TAFFY CANDY

2 cups creamy milk
4 cups granulated sugar
2 cups white corn syrup
1 tablespoon gelatin
½ cup water
2 teaspoons vanilla
paraffin, the size of a walnut
Combine water and gelatin. Let soak for 15 minutes. Combine other ingredients. Add gelatin mixture. Mix well. Cook until mixture forms a hard ball when dropped into cold water (265° F). Pour onto buttered plates and cool until it can be pulled. Butter hands slightly and pull until stiff. Cut in desired shapes.

Grace Sauder
Age 11
Ephrata R4, Pa.

CARAMEL POP CORN

7 quarts of popped corn
1 cup margarine or butter
2 cups brown sugar
½ cup corn syrup
pinch of salt
1 teaspoon vanilla
½ teaspoon baking soda
Put margarine, brown sugar, corn syrup, and salt

in a pan. Let mixture boil for five minutes. Pour baking soda and vanilla in. Pour mixture over pop corn. Put pop corn in an oven at 350° F. for 45 minutes. Stir a little.

Rachel Stoltzfus
Age 8
Christiana, Pa.

CHRISTMAS GELATIN

2 packages lime flavored gelatin
1 can crushed pineapples
3½ cups water
1 cup pineapple juice
2 packages unflavored gelatin
¾ cups cold water
1 cup whipped cream
4 ounces cream cheese
2 packages strawberry flavored gelatin
3½ cups water

Mix lime gelatin and 1 can crushed pineapples (reserve juice). Chill overnight. Heat 1 cup pineapple juice to boil. Dissolve unflavored gelatin in ¾ cup cold water. Add to hot juice. Let cool. Add whipped cream sweetened to taste. Add cream cheese to cooled juice. Put on top of first mixture, which chilled overnight. Let cool for several hours. Mix strawberry gelatin and 3½ cups water. Add to top of mixture after it is firm. Chill.

Verna Martin
Age 13
Mt. Aetna

Lancaster Farming, Saturday, December 16, 1978—53

Homemade gift wraps add to holidays

UNIVERSITY PARK - If one is looking for ways to cut holiday expenses, a person can decorate gifts by

BUTTERSCOTCH BROWNIES

¼ cup butter
1 cup brown sugar
1 egg
1 teaspoon baking powder
1 cup flour
1 teaspoon vanilla
½ teaspoon salt
½ cup nuts
confectioners' sugar
Melt butter in pan. Stir in sugar. Heat until sugar has melted. Cool. Add beaten egg, flour, vanilla, salt and baking powder. Add nuts last. Bake at 350° F. for 30 minutes. Cut in squares while hot. Sprinkle with confectioners' sugar.

Beverly Martin
Age 7
Cochranville, Pa.

BUCK EYES

1½ stick margarine
1½ cups peanut butter
2¾ cups confectioners' sugar
1 large package chocolate chips
1 square paraffin wax
Melt margarine. Combine peanut butter, cooled margarine and confectioners' sugar. Mix well. Form into small balls. Place in refrigerator for at least ½ hour. Using a double boiler, melt chocolate chips. Shave paraffin wax into chocolate and let melt. Using a tooth pick, dip balls into chocolate, leaving tip of ball plain. Makes 60.

Lonnie Westley Shearer
Age 14
Greencastle, Pa.

recycling items from around the home, say experts.

One can cut open brown paper bags and iron them flat, then decorate them with paints or cutouts.

Or one can use newspapers for wrapping larger packages.

Old bows from former gifts can be reused.

A person can collect dried weeds, seed pods, and berries from a park, woodland, or pasture to make small arrangements for a box, or create a corsage from fresh or dried flowers in place of a ribbon.

Sheets, pillowcases, towels, or tablecloths can be used for reusable wraps.

Or one can place his gift inside another - a wastebasket, flowerpot, or decorative container.

Instead of wrapping a gift, a person can hide it in a closet or under furniture, stretching a string trail to lead to the hiding place.

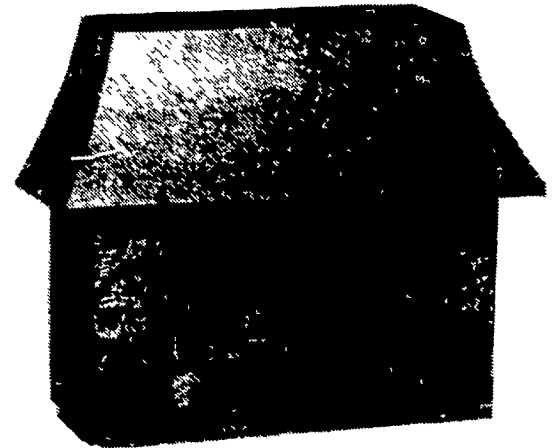
Gift-giving can be turned into a scavenger hunt. Each day children can be given another clue to follow which takes them closer and closer to their gifts.



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Baler twine used to construct holiday wreaths

By KENDACE BORRY
LITITZ — It has been said that a person can make a Christmas wreath out of just about anything, but this wreath is made from something that is just about guaranteed to be found on any farm.

The wreath is made from baler twine, that necessary item that is used to hold those hay and straw bales together before they are used. On most farms the ropes just gather dust on a

pile until they are thrown away, but here is a way that they can be turned into a decorative item for use during the holiday season.

To make a baler twine wreath, a person needs about 190 yards of baler twine, a metal wire frame which is 15 inches across, twist'em ties, and one needle with a large eye.

The first step in making the holiday wreath is to cut nine strands of twine, each 60 inches long. These should

be divided into threes. One end should be tied with a twist'em. Then the three strands are braided, the other end is tied, and the braid is set aside.

Next, 36 strands of twine are cut, each 82 inches in length. These are divided into threes, twelve strands of each. One end of each group of twelve is tied, then the three groups are put together, and one end is tied with a piece of twine. These are braided together as flat as possible. One can lay a brick on one end to hold

while braiding. When the braiding is done, set aside.

Next, one should cut 36 strands of baler twine, each 92 inches long, and repeat the step noted in the paragraph above.

Then the 92 inch braid is laid on the outside of the frame, with the overlapping ends at the bottom of the frame.

Next, the 82 inch braids are laid on the inside of the frame, again with the overlapping ends at the bottom of the frame.

Finally, one takes the small 60 inch braid and wraps it completely around both braids and the wire at the bottom of the frame, tucking the ends in the back. Then the wreath is turned over and with a two yard piece of jute and a large eye needle, one should sew both braids to the wire frame, taking large stitches.

As a final touch, the holding ties on the exposed ends of the baler twine wreath should be removed

and the end of the braids should be unraveled. They should be trimmed to about eight inches in length.

This wreath is not only decorative around the Christmas time, but can be used throughout the year with different themes.

Depending on the baler twine used, some people may want to wash the twine either before or after it is braided, to remove some of the odor associated with baler twine.



Made from baler twine, this wreath is pretty enough to grace any spot in your home. Here a large red bow is added to create a holiday mood.

Conservation project report filed

LANCASTER — A complete listing of all energy conservation projects undertaken during the past year was the subject of a report submitted by Pennsylvania Power & Light Co. to the Public Utility Commission on December 6.

The report showed that for its conservation program in 1978, PP&L budgeted about \$712,000 and dedicated over 16,000 man days of work. For that effort the company hoped that it would achieve a reduction in residential energy use of about

10,651,000 kilowatt-hours. This is equal to the amount of energy used by about 1,175 average residential family units each year. In addition, reductions were reported for both industrial and commercial customers.

In all, PP&L described about 75 conservation activities and gave the PUC the results obtained from each one.

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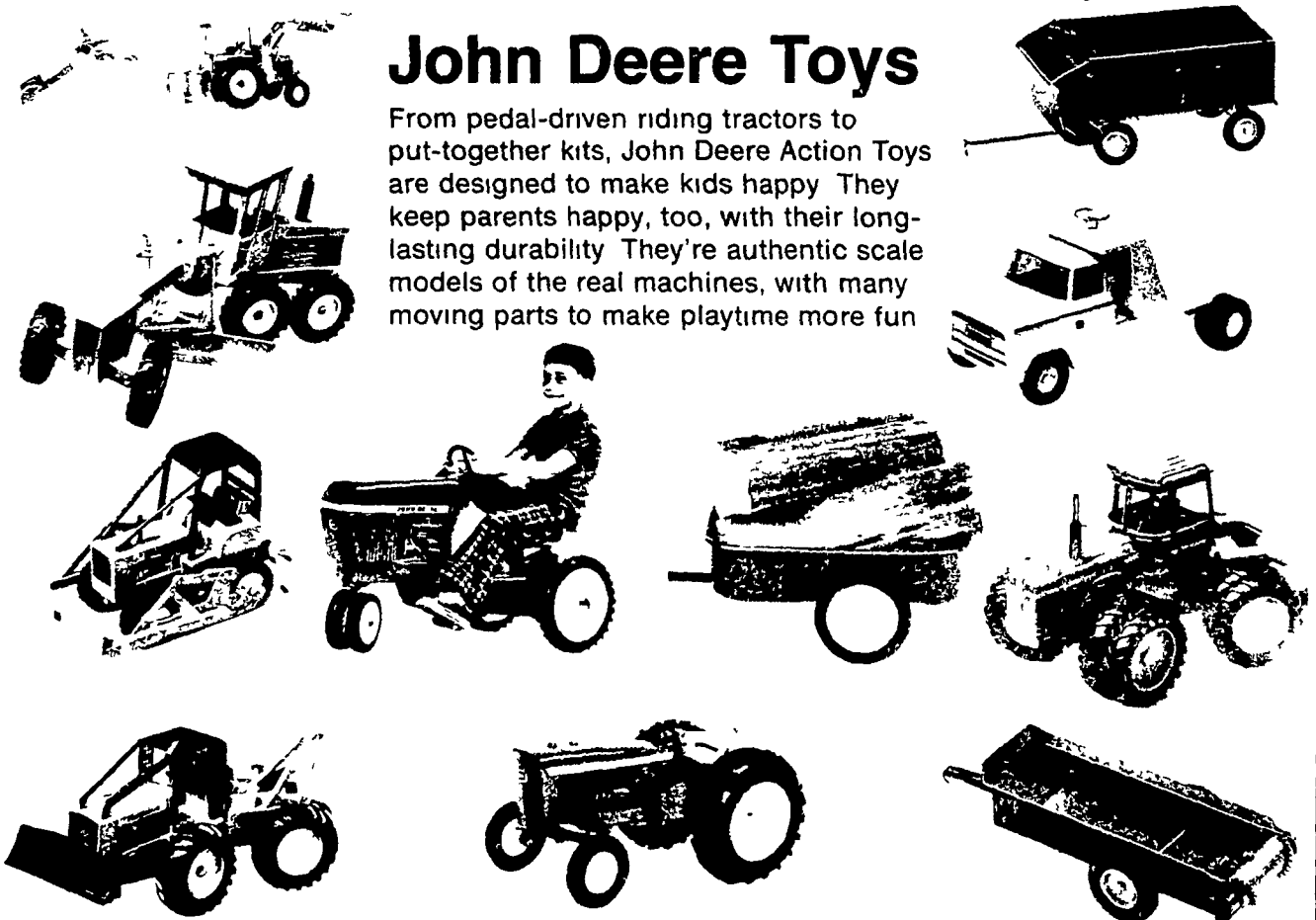


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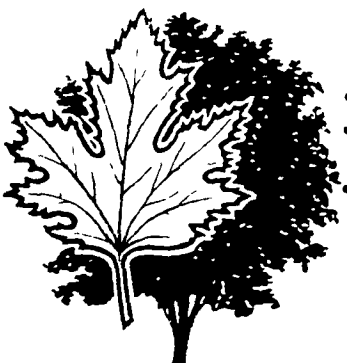
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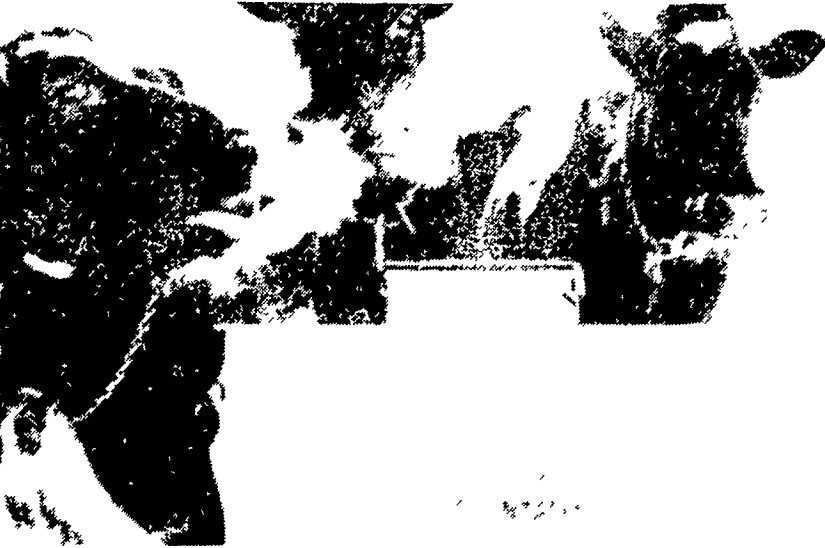
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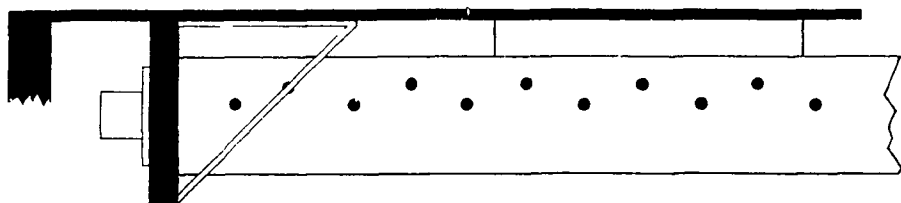
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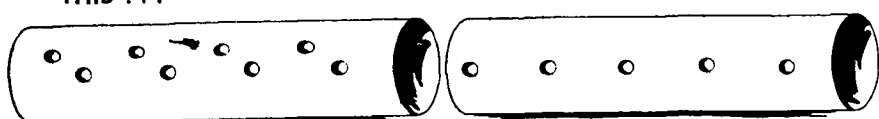
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Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist



SOME LABELS LIST AMOUNT OF LIQUID IN CANNED FOOD

Opening canned fruit to serve for a quick dessert can be a disappointment if there isn't enough to go around. "It's more liquid than food" is a complaint some consumers have voiced at one time or another.

However, the liquid in the can is not an attempt to deceive consumers. A packing medium, usually liquid, helps assure a safe product.

In sterilizing canned food, if there is too much solid food in the container, the inner contents could be under processed.

Recently, commercial food processors have started to label canned fruits and vegetables for solid content, as well as net weight which includes both liquid and solid.

Solid content is the weight of the fruits or vegetables placed in the container before the necessary liquid for processing is added and before the product is processed.

Because the solid weight labeling is a voluntary program, many processors may make the change when new label printing is done. You can expect a gradual changeover to solid content labeling.

Solid content labeling will

not increase the proportion of solids in canned foods but will provide a uniform control of solids to liquids and give you a better basis of comparison among brands.

ADDING THE FINAL TOUCH TO A ROOM

Accessories provide the finishing touch to a room in the same way that shoes, handbag and jewelry complete a costume.

But don't use all your accessories at once, just as you would not wear all your jewelry at the same time.

A room also looks cluttered when too many small accessories are scattered about. Instead, store some things, and occasionally change those you display.

Accessories are often purely decorative, serving an aesthetic purpose. But even primarily functional accessories such as lamps and pillows should be well-designed and blend in with the decorative scheme of the room.

Books and magazines are useful accessories that give a lived-in look to a room. Placed on a table near a chair or couch, they invite you to read. However, don't clutter your room with stacks of them.

Wall accessories aren't confined to pictures. Wood carvings, mirrors, sconces, clocks, rugs, stitchery hangings, old keys and even

small items picked up in antique shops can all be used successfully on a wall, often in interesting combinations.

Accessories should appear in harmony with the space and furnishings around it. Don't hang it alone on a wall just to fill up an empty space.

Don't hang items too high. All wall accessories should be hung low enough so that they appear as a unit with other furnishings nearby.

Plants and flower arrangements also add interest to a room, but should not overwhelm the space. For example, consider the texture and proportion to the furniture they're placed on. The simple strong lines of a Parson's table is complemented by a lacy, trailing plant.

Basic guidelines used to accessorize a room are:

Use carefully chosen accessories on the basis of their relationships of color and shape.

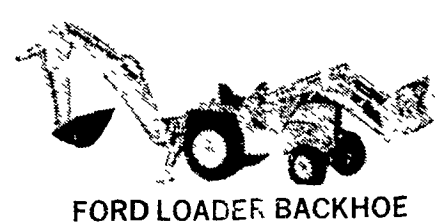
Plan your accessories so that they will enhance your decorating plan and harmonize with other furnishings.

Select well-designed accessories of good quality.

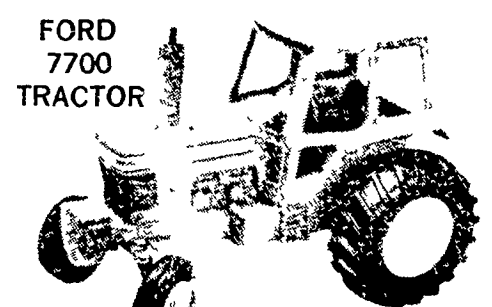
Arrange accessories according to some planned use of space.



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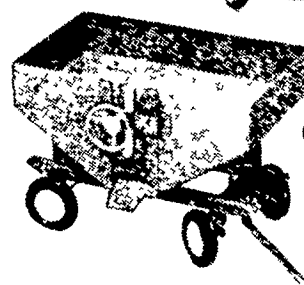
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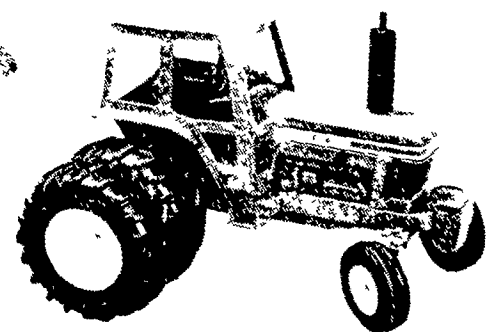
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Old fashioned toys beat flashy ones

By LYNN HERSHEY
Delaware Extension
Service

NEWARK, Del. - For some people certain toys never lose their childhood magic. I remember riding the train back to college one January

after the Christmas holidays, carrying a four-foot stuffed lion under my arm. And recently I succumbed to the irresistible charms of a plumply-stuffed mother 'possum with three roly-poly babies swinging

like apples from her pink tail. The 'possum family is supposed to be a Christmas gift for a little person - that is, if this big person can bear to part with them.

These days flashy new toys become obsolete in a matter of months, but stuffed animals, dolls and blocks seem to endure forever. Have you ever wondered why?

Perhaps it's because a doll or a cuddly stuffed animal can become a partner in a make-believe adventure, a comfort when you have chicken-pox, a companion with whom to share an exciting secret. A friend.

With a little imagination a youngster can transform a bag of simple blocks into a towering skyscraper, a medieval fortress, or the Great Wall of China.

I feel sorry for all the little children who will become bored with their new toys the day after Christmas - those expensive, gimmicky toys that do tricks while the child watches. What fun is it just to watch? The fun toys are the ones you can DO something with.

Dr. Patricia Nelson, Delaware Extension specialist in family and child development, says the more

a pre-schooler learns from a toy, the longer he or she will enjoy playing with it. And a little child will certainly learn more by actively participating than by passively observing.

When a pre-schooler is able to do a number of different things with a toy, a feeling of confidence, accomplishment and satisfaction begin to develop. These feelings contribute to a healthy self-image, and a willingness to try other creative outlets.

The trick in choosing a toy, says Dr. Nelson, is to match it to the child's interests and level of ability. The best toy

provides a challenge, but is not so difficult that the youngster becomes repeatedly frustrated. Nothing succeeds like success!

So perhaps the Star Wars robot that lights up like Times Square won't delight that pre-schooler on your gift list as much as you hope it will. At least not for very long. Maybe you could provide more day-in, day-out creative fun and satisfaction if you gift-wrapped a pair of blunt-edge scissors and some construction paper, or a puzzle, fingerpaint, clay, crayons, colored pencils. Or a big bag of blocks.

Think about it.

Most people feel farmers are underpaid

PARK RIDGE, Ill. - Sixty per cent of the public believes that farmers get less income than they deserve. That is the finding of a recent nationwide public opinion survey conducted by Leo Shapiro and Associates of Chicago for the American Farm Bureau Federation.

Eight per cent of the public polled feels that farmers get more income than they deserve while the remaining 32 per cent feels that farmers get about the right amount of income.

In comparison, the national sample of men and women was asked whether their own income is more or less than they deserve in terms of how hard they and their families work and how much they contribute to society.

One-half of the public feels they get less than they deserve, but only four per cent feels they get more than they deserve. Forty-six per cent of the respondents feels they get about what is right.

Of ten occupational groups measured in the poll, including a "general public" category, none are seen as getting less income than they deserve by larger percentages than are farmers.

Lawyers and doctors top the list of those getting more income than those polled felt they deserve. Auto mechanics rank under doctors in these same terms, but by a considerable gap. At the bottom of the list in terms of getting less income than they deserve are farmers. Above the farmers are the person being polled, firemen, coal miners and garbage men.

Housecleaning

Fall housecleaning is what wives have to do to find the season's football tickets the husband bought the previous spring

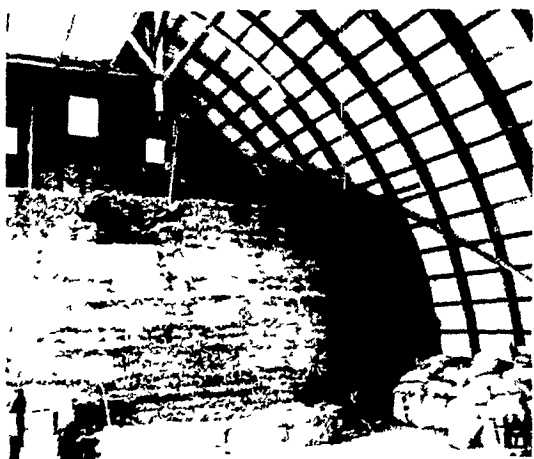
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Reduction in world trade barriers called for

COLLEGE STATION, Tex. - Major barriers to freer world trade currently include the drive of developing countries for self-sufficiency, income support for higher cost of production crops in developed countries and chronic instability of markets.

This viewpoint was presented by Dr. Tim Josling of the Stanford University Food Research Institute, chairman of the International Trade Task Force of the National Farm Summit. The ideas were developed as part of an overall Summit process underway for much of the past year. A total of five task forces have been at work during this period. Draft reports from each were presented at the Summit last week which was sponsored by the Agriculture Council of

America and Texas A&M University.

The sponsors of the Summit sought further input from a broad cross-section of groups including farmers and ranchers, farm and commodity organizations, agribusiness, the financial community, agricultural economists, and U.S. Department of Agriculture, congressional and administration spokesmen and representatives of prominent U.S. trading partners.

Josling told the audience participating in the conference at Texas A&M University that "It is clearly in the long-run interest of all countries that world's agricultural resources be utilized in a way that minimizes the cost of providing essential food-stuffs."

"The Task Force identified two requirements for restoring and maintaining confidence in the freer trade system: 1) a system where imports are available at all times and countries can afford to buy; and 2) increased stability of world prices.

"The first requires improved credit, food insurance, and food aid arrangements. Bilateral trade agreements such as the U.S. has with Russia and Japan run counter to free trade objectives. The second can only be realistically achieved by allowing prices and stocks to adjust in response to the world market condition."

Josling emphasized that in saying this, the Task Force took a position against international commodity agreements designed to

raise or lower world prices. "Such price-band proposals have superficial appeal by appearing to act directly on prices. The danger, however, is that they tend to alleviate symptoms above cause. With unresponsive international prices, stocks would not adjust nor consumption be allocated," Josling declared.

The Task Force expressed optimism about future growth in international trade and inherent pressures to maintain more open markets. This optimism was particularly strong with respect to feed grains resulting from expanded animal production abroad.

"Increased dependence on

export markets, however, creates some difficult choices and problems for the U.S. Export earnings and therefore domestic prices and incomes are and will continue to be unstable," Josling said.

A recent pattern of crop export expansion is expected to continue, and even though animal exports are also expanding, the overall growth pattern "will require continuous structural adjustment in U.S. agriculture," the report concludes.

"The question of attitudes toward imports raises some difficult problems and must be squarely faced. Attempts to artificially constrain imports have tended to weaken the competitiveness

of agriculture as a whole, and encourage resource use patterns which have had to be sustained by a continuation of government intervention and market control. Price supports in import-type goods should be reviewed in terms of their competitive nature," Josling emphasized.

The Task Force report emphasized the need for consistency between domestic and international farm programs.

"Unless inflation is controlled in the future, target prices are destined to rise along with farm costs. This will bring pressure on loan rates, risking loss of competitiveness in world markets."

Crops Day set for Dec. 20

HARRISBURG -- Soybeans, small grains and alfalfa production will be featured topics at the "Crops Day" on December 20, at the Upper Dauphin High School according to John P. Harris, County Agent - Agriculture.

This will be an all day program beginning at 10:30 a.m. and adjourning at 2:30 p.m.

Elwood Hatley, small grain specialist from Penn

State, will discuss small grain varieties, soybean varieties, seeding rates, lime, fertilization, and inoculation.

John Baylor, forage specialist for Penn State, will discuss alfalfa varieties, availability of seed and management practices for alfalfa production.

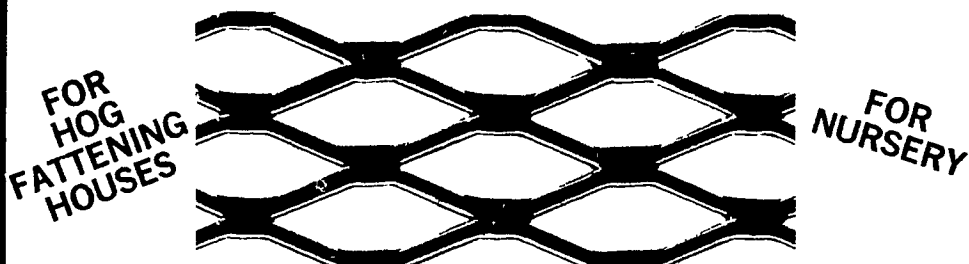
Willis McClellan, Penn State agronomist, will

discuss weed control in alfalfa, small grains and soybeans.

A discussion on the no tilling of alfalfa and small grains will conclude the program.

This meeting is open to the public. Anyone desiring to attend should contact Stanley Weaver, Vo-Ag Instructor at Upper Dauphin High School or John P. Harris, County Agent.

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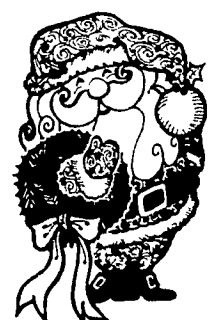
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Programs must consider mid-sized family farms

COLLEGE STATION, Tex. - Future farm programs must be designed to deal with the problems of the middle sized family unit which is now threatened as a viable economic entity.

This is one of the major conclusions presented recently at the National Farm Summit by a task force on Farm Commodity Prices and Incomes presented by Dr. Luther Tweeten of Oklahoma State University.

"Farm policy must recognize that agriculture and returns to agriculture differ by size and type of farm. Tailoring one program to suit all of farming would be a straight-jacket...farming is not a uniformly low equity, low

income or low rate of return industry."

To deal with the problems of the middle size family farm, the Task Force recommended further moves toward direct government payments without production controls, more credit assistance to new producers entering agriculture and more efforts at rural job creation through private industry incentives.

While generally endorsing the market orientation and flexibility of the 1977 Farm Bill, the Task Force had several recommendations for improvement.

These include more stringent payment limits, less emphasis on set-aside, increased flexibility in milk price support adjustment,

increased coordination of credit programs and an improved "all risk, all commodity" insurance program as a substitute for the present crop insurance and disaster payments programs.

"The farm price and income problem is centered on the middle size family farm having over \$20,000 but under \$100,000 in sales. These farms have as low or nearly as low costs as their larger-than-family farm counterparts," he said.

"Unlike large farms which tend to have high net farm income and small farms which have high off-farm income, many moderate size farms do not have sufficient net income required to take advantage of accelerated depreciation, investment tax credits, and other federal income tax provisions," Tweeten said.

To support this contention, his Task Force report pointed out that "larger-than-family farms, accounting for five per cent of the farms and 30 per cent of the farm output in 1976, constitute a growing threat to family farms."

"Price supports designed to make small farms viable

but applied across the board are likely to give large farms a competitive advantage and ultimately undermine the small farm," the report emphasized.

"The major problems of commercial agriculture -

regardless of size of farm - are inflation and instability," said Tweeten.

The solution to the inflation problem, according to the Task Force, lies in greater governmental monetary and fiscal

restraint. Commodity reserves, direct producer payments, and improved risk insurance programs were suggested as desirable means of dealing with the problem of instability of farm prices and income.

USDA facing budget cuts

WASHINGTON, D.C. - Agriculture Secretary Bob Bergland says USDA faces tough budget cuts in 1979. Speaking to USDA's Management Council, Bergland said such "stringent belt-tightening" is in line with a government-wide effort to reduce federal spending. The Secretary said the Department was considering several options designed to curtail or postpone some lower-priority programs and to eliminate overlapping and duplicative services and some unnecessary regulations.

Bergland hastened to add that "high priority" programs such as those affecting farm income, farm exports, and human nutrition among others, would not be materially changed. He characterized as "self-defeating" any attempts to tinker with programs that might endanger food production and consumption. "This could only lead to more inflation," he stated.

Referring to USDA's on-going export program, Bergland cited large surpluses of wheat and feed grains, and the importance of farm exports in reducing the U.S. trade deficit as justification for the program's "high priority" classification.

Bergland said the federal government has no alternative but to cut spending and take the lead in fighting inflation. As he pointed out, if the government fails to set an example, it can hardly expect labor and business to curtail their demands.

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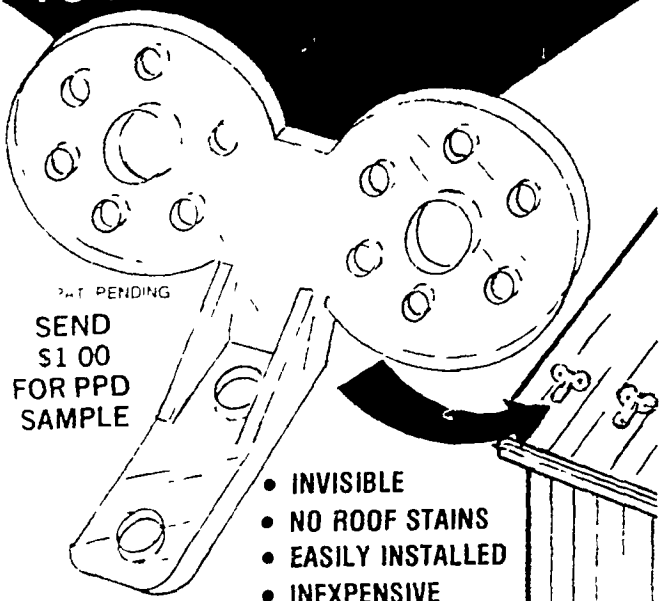
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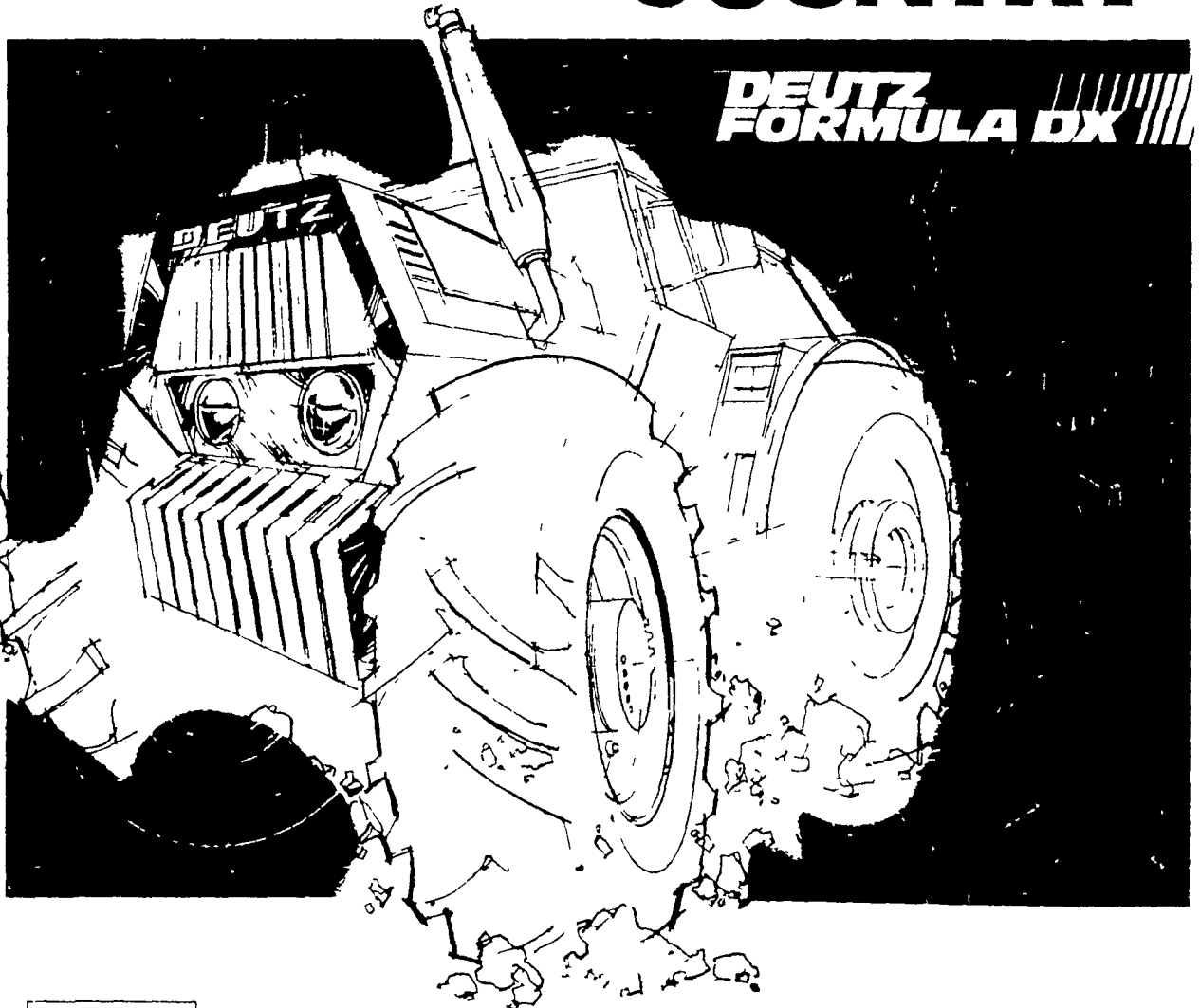
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Inter-State officers re-elected

SOUTHAMPTON - A New Jersey dairy farmer has been re-elected president and a 31-year veteran employee has been re-elected secretary and general manager of Inter-State Milk Producers' Cooperative.

Named to the positions were:

—Lester C. Jones, a Medford N.J. dairy farmer, re-elected to his seventh one-year term as president of the 3,000-member milk marketing cooperative.

—Dr. James E. Honan, who joined Inter-State's staff in 1947, re-elected secretary and re-hired as general manager. He has served since 1963 as chief executive officer of the cooperative which is expected to exceed \$225 million in sales this year.

The Burlington County dairy farmer has served on Inter-State's board of directors since 1962. He, along with his son, Lester Jr., farms over 900 acres and has 375 Holstein cows in his milking herd.

As a director and president of the dairy cooperative, Jones is in-

strumental in guiding the board in making policy decisions governing the operation of the cooperative which is expected to market over 2 billion pounds of milk within the next year in the Philadelphia area. Jones is also active in various related organizations. Among these, he is third vice president of the National Dairy Council, a member of the executive committee of the National Milk Producers Federation and president of Dairy Council Inc. of Southampton. He also serves as director for United Dairy Industry Association, the American Dairy Association and Dairy Research Inc.

Dr. Honan, raised on a farm near Lebanon, Ind., received his AB degree in 1940 from DePauw University, Greencastle, Ind. In 1940, he received his MS degree from Purdue University. After serving 37 months in the U.S. Army, he resumed his studies at Purdue where he earned his Ph.D. in agricultural economics in 1947.

Dr. Honan joined Inter-State's staff that same year



Dr. James E. Honan



Daniel Martin



Lester Jones



Robert Dever

as economist, a position he held until 1957 when he was named assistant manager. In 1960, he was named manager of Inter-State and in 1963, upon the retirement of O.H. Hoffman Jr., was named general manager of Inter-State. He and his wife, Margery, reside in Moorestown, N.J.

As general manager of Inter-State, Dr. Honan oversees the daily operation of Inter-State and implements programs to carry

out the long-range policies set by the board of directors. As general manager, he also hires and supervises the activities of 50 employees including 21 field representatives stationed throughout Inter-State's six-state marketing area.

Daniel L. Martin, Manheim R1, was re-elected vice president of Inter-State, a position he has also held since 1972. Martin, with his sons Daniel Jr. and David, farms nearly 300 acres in

Lancaster County. They have a 60-head Holstein herd and also feed about 200 steers.

Dr. Paul E. Hand was re-elected assistant secretary and assistant general manager of Inter-State. He also serves as economist.

Dr. Hand, a native of Fort Fairfield, Maine, has been employed by Inter-State since 1957. He received his BS in 1952, and his MS in 1955, from the University of Maine. In 1960, he received his Ph.D. in agricultural economics from the Pennsylvania State University. Dr. Hand also serves as secretary and economist for Pennmarva Dairyman's Federation and secretary of Holly Milk Cooperative. Dr. Hand is a noted authority on dairy economics and milk marketing, having testified at more than 200 hearings at both state and federal levels on the behalf of dairymen.

Robert M. Dever was re-elected treasurer of Inter-State, a position he has held since 1974. Dever joined Inter-State's staff in 1970 as payroll department supervisor. He was previously employed with the Middle Atlantic Area Market Administrator's office. Dever received his BS from Drexel University in 1966 and his MBA from Temple University in 1975.

Directors re-elected to Inter-State's board for three-year terms are: Roy H. Book, Ronks R1, Pa., District 6; V. Myers Metcalfe, Mercersburg, Pa., District 26; Byron E. Sollenberger, Curryville, Pa., District 20; Horace L. Prange, Cochranville R1, Pa., District 11; Curtis E. Akers, Quarryville R1, Pa., District 12; and Edwin C. Fry, Chestertown, Md., District 10.

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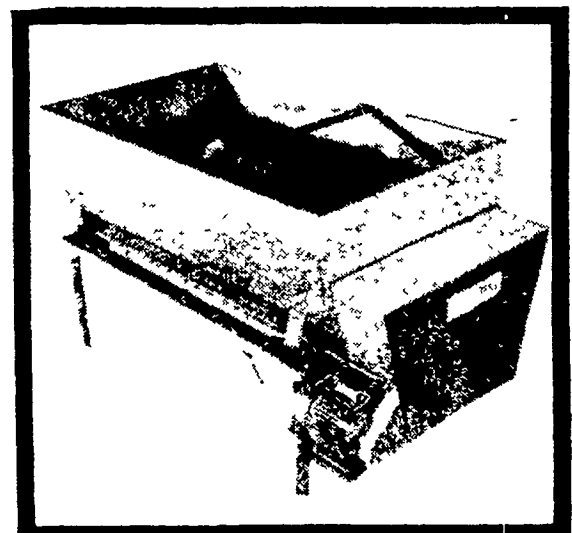
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Tractors For Sale - IHC - A w/plow, cultivator, disc. IHC - BN w/cultivators & sawbuck. IHC #200 w/fast hitch, 2 B plow, cultivators. Front mount sawbucks for tractors. 717-687-6553.



D9006 Deutz tractor - rebuilt

Deutz Diesel F4L-912, Like New, 65 H.P. @ 2300 RPM. New Warranty. \$3000.00

Deutz Engine Crank case heaters 115 volt \$25.00

Rebuilt 444 Bobcat loader \$4175

New Hesston 7020 harvester 100 H.P. capy. \$3125.00 B.U.

1 row C.H. \$1045.00

2 row C.H. \$1550.00

New Papec Harvester with revolving stone knife grinder

Rebuilt Deutz F1L-712 Diesel 10 H.P. @ 1800 R.P.M. 6 mo. or 1000 hr. warranty. \$1050.00 clutch \$125.00 extra.

F1L-612 Deutz Diesel 10 h.p. @ 1800 R.P.M. with fuel tank & clutch, overhauled - low hrs. \$700.00.

Used Petter P.J-1, 10 H.P. diesel \$250.00

New Deutz F2L-912 diesel engines 20-32 H.P. electric start.

Custom-Built diesel Gen-Sets made to customer order.

New & Used Deutz diesel engines at special prices. Call for details.

STAUFFER DIESEL, INC.

312 West Main Street
New Holland, PA
PHONE 717-354-4181

FARM EQUIPMENT

For Sale - 610 Bobcat Diesel Rops \$4500.00, 1816 Case Bobcat \$3500.00, John Deere 440A Log Skidder \$5976.00, Tree Farmer Skidder \$6500.00, Clark 666 Ranger Skidder; 1975 Blue Chip 624 Articulated Fork Lift \$19,500.00, Others. Curry Supply, Curryville, Penna 814-793-2829.

USED ATENS 10' HEAVY DUTY WHEEL CARRIER DISC HARROW EVERGREEN TRACTOR CO. INC.

Lebanon, Pa.
717-272-4641



NEW COMBINES

JD 6600 Side Hill

USED COMBINES

JD 45

Gleaner CII

NEW TRACTORS

JD 2640

JD 2840

USED TRACTORS

ACC

AC WD

Farmall H

Farmall M

JD A

JD B

JD 50

JD 520

JD 720 D

JD 1020

JD 1520

JD 2010

JD 3010

JD 3020

MF 65 D

Now is the Time -

Waiver of interest on

New and Used Tractors.

MILLER'S SALES & SERVICE, INC.

West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT



USED EQUIPMENT

Farmhand Grinder-Mixer

AC 5-B Auto Reset Plow

AC 14 ft. Transport Disc

AC WD45 Diesel w/2-row Ford Picker

NH 717 Forage Harvester w/2-row Head & Pickup

Several Used Harvesters

USED TRACTORS

AC B w/plow & cultivator

AC 180

NEW EQUIPMENT

NEW HOLLAND MANURE SPREADERS

NH L-35 Skid Loader

10 ft. Miller Disk

AC Gleaner Combine Model M2

Hub Tool Elevators formerly N.H.

NEW TRACTORS

AC 7045 AC 530

AC 7000 AC 185

AC 5050

NEW YANMAR

2 Cyl Diesel Tractors In Stock

BHM FARM EQUIPMENT INC.

RD1, Annville, PA

717-867-2211



TRACTORS

IH 186, 1 yr. old White 2-105 w/duals 500 hrs.

IH 400 w/plows, new paint

HARVESTING EQUIP.

Field Queen 7600 w/2 heads, 300 hrs.

JD 6600 combine w/2 hds, sharp

MF 3000 combine w/2 hds, 3 yrs. old

JD 40 combine w/2 hds Ford 612 Harvester - new

PLANTERS

JD 1440 w/monitor AC 600 Air-Champ w/monitor

White 5400 Air w/monitor

TILLAGE EQUIPMENT

IH 720 5-20 Plow

JD 145 5-16 Plow

IH 550 5-14 Plow

IH 4-14 fast hitch Plow

IH 3-14 Trailer Plow

JD 640 Plowing Disc

JD 950 15' Roller Harrow

HAY EQUIPMENT

NH 1495 SP Haybine, 1 yr. old.

JD 24T Baler w/ejector sharp

IH 430 Baler w/thrower

IH 420 Baler

JD 14T

NH 256 Rake

NH 451 Mower, used once

MISCELLANEOUS

IH 1250 Grinder Mixer w/scale

NH 30 Whirl-Feed 1000 RPM Blower

IH 555 Manure Spreader

NH 675 Manure Spreader

NH Flail Spreader

MF 205 Spreader

JD 70 Tank Spreader

Welsh 300 gal. 3 pt. sprayer

(2) JD 216 Forage Boxes

TOBIAS EQUIPMENT CO., INC.

Halifax, PA 17032

Phone 717-362-3132

FARM EQUIPMENT



Lely Sunflower Disk

Hydro 100 IH Tractor

Farmall Super M

674 IH Diesel

706 IH "rebuilt"

870 Case Diesel

710 IH 4-16 Plow

700 IH 6-16 Plow

AC 5-16 Plow

IH 11' Chisel Plow

IH 9½' Disc

IH 1150 Grinder-Mixer

IH 16x7 #10 Drill

400 IH 4-row Cyclo

Planter w/no-till Atch.

224 NI Spreader 10 ton

218 NI Spreader 8½ ton

580 IH Spreader 10 ton

206 NI Spreader ground drive

752 NI Hay Crusher, like new

IH 225 SP windrower "rebuilt"

Grove hyd. forage wagon (SOLD)

IH 715 Combine, less than 2 yrs. old, real nice

MF 300 Combine

JD 38 Forage Harvester w/pickup and 2-row head, rebuilt, ex shape

705 NI Uni w/717 combine 4-row corn head

Call For Low Prices

CHAMBERSBURG

Farm Service, Inc.

975 S. Main St.

Chambersburg, PA

PH: 717-264-3533

USED EQUIPMENT

Tractors:

JD 1020 diesel

JD 530

JD 4320 diesel

JD 50

Nuffield 1060

JD B w/snow plow

Oliver 70

Ford 8N

Tillage Equipment:

Oliver 565 4 btm. plow

Brillion 10' cultmulcher

New Athens disk

New soil master

JD 45 2 btm. plow (like new)

Harvesting Equipment:

McCormick 650 harvester w/2 heads

New Holland 880 harvester w/pickup

New Idea 325 2 row picker sheller

JD 24T baler w/thrower

JD 483 mower conditioner

McCormick 56 blower

Misc. Equipment:

JD elevator w/motor

JD 16-8 double disk drill

JD 17-7 single disk drill

JD 300 elevator w/gas engine

Wetmore grinder blower (new)

5' 3 pt. brush rotary mower

Sauder manure loader

YEAR END SPECIAL ON NEW EQUIPMENT

Badger Forage Wagon w/tandem gear & roof

\$4495.00

Badger Blower

\$1295.00

PIKEVILLE EQUIPMENT, INC.

R.D. 2

Oley, PA

Phone: 215-987-6277

Serving the Oley Valley

41 Years.

FARM EQUIPMENT

HAYBINES

(6) Used NH's * COMBINES

1977 White 8600

AC C-II, 4-row Corn

Head & 13' Grain

Head *

1-row mtd. Ford Corn

Picker \$695.00

HARVESTERS

New Holland 616, 717,

818, 880

IHC 55, 350

All with corn heads and grass heads

TRACTORS

Case 1070

Oliver S77 Dsl. w/2-row

NI picker

Oliver 880D, 550, 88, 77

MH 30

Farmall Super C

Farmall C

PLOWS

Oliver 4 & 5 Bottom

Semi Mounted

GRINDER-MIXERS

Papec

Oliver

IHC

\$1500 to \$1900

SPREADERS

All Sizes Tank & Box

Spreaders

Also

Used NH Forage Boxes

* Free Finance on

New Holland New

& Used Equipment

Till May 1, or

Sept. 1, 1979

SHEETS BROS.

Massey Ferguson

New Holland, White

1061 Carlisle St.

Hanover, Penna.

717-632-3660

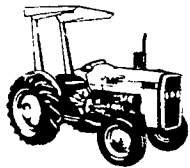
ALL USED EQUIPMENT REDUCED 20% - 50% Until January 1, 1979 Straight sales at our lot.

NEW	LIST	SALE
JD 2040 diesel	\$10,300	\$ 8,250

FARM EQUIPMENT

For Sale - JD eb. combine, 14 ft. grain head, 4 row corn head, excellent condition. 609-397-0197.

Hitch up to Massey.



USED EQUIPMENT
MF 178 Diesel
Farmall M
Gehl CB 1200 Harvester
Gehl CB 600 Harvester
Lamco 16' Forage Box
Gehl BU 910 Forage Box
IH 141 Combine
MF 510 Diesel combine
Hawk Bilt 187 Tank
Spreaders
Gehl 320 Feeder Wagon
AC Round Baler
NH 354 grinder mixer
NH 350 grinder mixer
Gehl 115 grinder mixer
Gehl 120 grinder mixer
Gehl 72 flail chopper
LEBANON VALLEY IMPLEMENT CO.
700 E. Linden St.
Richland, PA
Ph: 717-866-7518



NEW EQUIPMENT
White 2-105 w/cab
White 2-85
White 2-70
White 2-60
White 2-50

Glencoe Soil Savers, SS5, SS7, SS9
Amco Heavy Duty 18 ft. wing disk

New NI Spreaders in stock 212, 213, 214
NI 708 Uni System
NI 709 Uni System w/4 wheel drive
Interest Waiver On New Uni Equip.
Till May 1, 1979

Hawk Bilt 257 Spreader
Hawk Bilt 2200 Liquid Spreader

USED EQUIPMENT
White 2-105 Tractor
IH 2500A Industrial
IH 1066 w/cab
Farmall M
Ford 8N w/loader
AC WD
Oliver 88 Diesel
12 ft Offset Hutchmaster
NI 729A Sheller
18 ft. Bush Hog Hyd. wing Disc
NI 305 mtd. Picker
JD 227 Mtd. Picker
6" x 50' Case Auger
41' Kewanee Elevator
NH 27 Blower
JD 18' Wing Disc
Athens 7' Chisel Plow
AC 10' Disc Harrow
Brillion 18' Spring Harrow
JD 15' Spring Harrow
Artsway 750A Silo-Mix
Dion Forage Wagon, 3 btr. & roof
JD 16A Flail Chopper
Bearcat 72A Flail Chopper
Hesston Stakhand 30
20' Hay feeder wagon
NI Manure Spreaders
212, 213, 214

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

For Sale - Approx. 200 linier ft. 9" vinyl elevator belt with buckets, must sell. 215-593-5195.



MM G1000 Diesel
David Brown 1210 4 wd. w/loader - \$3800. extra good cond.
White 1975 7300 Diesel Combine w/13 ft. soybean head
NH 975 diesel combine 11 ft. grain table & 2 row corn head
New MF 750 combines
New MF 550 & 540 combines now in stock
Used 510 combines in stock
Used MF 410
New model 120 Woods rotary mower
New C114 Woods 9 1/2 ft. AC 14 ft. self-unloading forage box
JD 34 choppers with heads \$2275
JD 747 12 ft. rotary \$1295
JD BWF 12 ft. transport disc \$1195
IH 50 Forage Harvester w/2 row corn head
Oliver 251 10 ft. 11 in. disc \$995
New 21 ft. Pitman 3 axle trailer \$2975
New model 58 MF rotary mower \$595
Don't Cuss - Call Gus
GUS FARM EQUIPMENT, INC.
Intersection 214 & 616
Seven Valleys, PA
PH: 717-428-1967



JD 4430 Tractor w/dual wheels
JD 4230 Tractor
JD 4020 NF Tractor
JD 4020 WF Tractor
JD 3020 Tractor
JD 2020 Tractor
JD 2010 Diesel Tractor
JD 1020 Tractor
JD 1020 Tractor
JD 60 Tractor
JD 60 Tractor
IH 886 Tractor
IH 504 Tractor
JD 716 Chuck Wagon
AC 4-row no-til Planter
JD 494A Corn Planter
JD 1240 Corn Planter w/plateless units
JD 1240 Corn Planter w/plateless units
JD 1440 Corn Planter
JD 3800 Chopper w/2 row corn hd.
JD 3800 Chopper w/2 row corn hd.
JD 34 Chopper w/corn head
JD 3300 Combine w/platform & 2-row corn head
JD 105 Combine w/platform, 4 & 6 row corn hds.
JD 214 Baler w/thrower
JD 24T Baler w/thrower
JD 14T Wire Tie Baler
Hesston 5800 Round Baler, like new
JD 115 Chuck Wagon w/roof
Ford Disc on transport
JD 640 Rake
JD 220 Disc
JD FBB Grain Drill
Stoltzfus Lime Spreader
NI 1-row Corn Picker
JD 227 Corn Picker
Allied 41' Elevator
NI Manure Spreader

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
Ph: 301-452-5252

FARM EQUIPMENT



USED TRACTORS

1135 MF tractor
JD 420
JD 720 Diesel
JD 2510 Gas
JD "R" Diesel

FORAGE HARVESTER
Used Fox 6200
Self-Propelled Harvester



SHOTZBERGER'S EQUIPMENT
Elm, Pa
Phone 717-665-2141

FARM EQUIPMENT

NEW EQUIPMENT
WHITE - 2-180 Tractor
2-105 Tractor w/cab
2-85 Tractor
2-70 Tractor
2-60 Tractor

GEHL -
MC 1090 Mower Conditioner
920 Forage Box
FC72 Flail Chopper

NEW IDEA -
272 Cuditioner
323 Corn Picker
218 Spreader

USED EQUIPMENT
26 Ft. Elevator
Oliver 1850 Diesel
Allis 5040 Tractor
MF 165 Tractor
NI No. 10 Picker
Int. 56 Blower
NI No. 26 Blower
Oliver No. 26 Superior Grain Drill
Woods 5' 3 pt. Hookup Rotary Mower

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

FARM EQUIPMENT

AC 200 Tractor
NI 705 Power Unit
NI 702 Uni
JD KBA Disc
NI 212 Manure Spreader
NI 213 Manure Spreader
ROY H. BUCH INC.
EPHRATA
717-859-2441

For Sale - Sprout-Waldron custom mix molasses mixer with 10 hp. 3 phase motor and 2 hp. pump motor, must sell. 215-593-5195.

FARM EQUIPMENT

JD 2440 Tractor w/146 ldr., 600 hrs.
1972 IH 2500A, 1400 hrs.
(2) 1977 NH 479 Haybine
JD 483 Haybine
NI 272 Cut-ditioner
1978 NH 1032 Stack wagon
NH 430 Baler
(2) 5' Rotary mowers
1977 Transcraft 42', 35 ton drop flat trailer
Call After 5 P.M.
302-239-7973



\$ BIGGEST SAVINGS OF THE YEAR \$

Save Yourself Hundreds of Dollars!

TRACTORS

JD 4020 Diesel
JD 3020 Gas
JD 430
JD G
JD MT w/3 pt. hitch
White 4-180 w/only 600 hrs.
Oliver 1950-T Diesel, 2300 hrs.
Oliver 770
(2) Oliver 88
(2) Oliver 77
Oliver Super 77 Diesel
Case 730 Diesel
Farmall 706
Farmall 460 Diesel
Farmall 340
MF 50
Ford 900
Ford 4000
Ford 6000 Diesel
AC D15
AC D14
AC WD

COMBINES

AC Gleaner E w/cab; grain & corn heads
AC Gleaner CII w/grain & corn heads
Oliver 535 w/grain & corn heads.
JD 45 w/grain & corn heads

COMBINES (con't)

JD 45 w/grain & corn heads, 1968
IH 815 w/cab, air & heat, 13' grain head, and 430 corn head
MF 82 w/grain & corn heads
Fox Self-propelled 2-row corn head & pickup

MANURE SPREADERS

NI 213 Single beater
NI 214 Single beater
NI 213 Flail
NI 212 Single beater
NH 675 Single beater, 275 Bushel

OTHER EQUIPMENT

Gehl Grinder/Mixer Mill-Al
Gehl 72 Flail Chopper
NI 4-row Flail Chopper
(2) JD 13' Disc
JD 12' Disc
AC 10' Disc
(2) Brady 7' Chisel Plows, 3 pt. hitch
Brady 10' Chisel Plow, 3 pt. hitch
Brady 16' Field Cultivator, pull type
Ford 7' Snow Plow
AC 7' Snow Plow for 160 Tractor

Trumbauersville to Finland Rd., Quakertown, PA
CALL (215) 536-1935, 536-7523 or 767-7611 (New Tripoli)

\$ Buy Now & Save \$

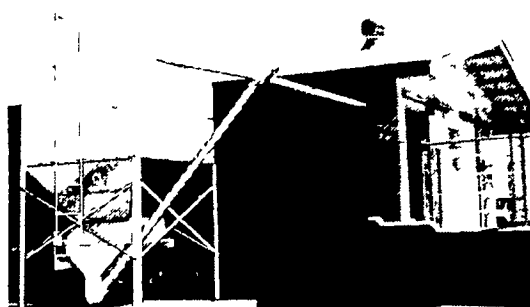
The company from Perry County who manufacture & build their own silos, using the best in materials & experienced crew. To satisfy customers plus insures quality built silos. (Staves are wet cast & vibrated concrete).

SALES & SERVICE FOR P&D UNLOADERS & EQUIPMENT

NEGLEY & MILLER SILOS

Plant: Rt. 1, Box 93,
Shermans Dale, PA 17090
Ph: 717-582-4108
Sales: Rose Pollock
Home Ph: 717-834-4838

It's Time To Buy Your



GIRTON BULK TANKS



"Performance speaks Louder Than Words"

CHORE-BOY

division of cego, inc.

COMPLETE FEED HANDLING SYSTEMS

Chore-Boy manufactures virtually every prominent feed handling system for the milking parlor. You may distribute feed from central storage; dispense by electric time controlled or pull cable rotary feeders. Many "customizing" options.

Sult's Refrigeration Service

RD 1 GORDONVILLE, PA 17529

Off Rt. 340, 1 Mile East of Intercourse on Hatville d.

★ **24 HOUR SERVICE** ★

717-768-8555

A-1 USED EQUIPMENT

White 1465 Dsl. Tractor
IH 140 Tractor
Oliver 1650 Dsl. Tractor
IH 140 4/B-16" Two Way
Plow
IH 10'-8" Disc Harrow
IH 13'-10" Disc Harrow
Oliver 252 - 11'6" Disc
Harrow
Ford 12'8" Disc Harrow
John Deere Pulverizer
John Bean 20 RC
Sprayer
Brillion 3 section
Cultipacker

COMBINE SPECIALS

A-C Gleaner GKS Com-
bine
A-C Glenaer MKS Com-
bine
A-C Gleaner FKS Com-
bine

WHITE
Farm Equipment

FARM-RITE,

Shiloh-Cohansey Road
Shiloh, N.J.
609-451-1368

FARM EQUIPMENT

For Sale - JD 214 WS PTO
wire tie baler, good condition
\$1000. Northampton Co.
215-759-3496.

ATTENTION!!

SNOW BLOWERS

New Ford walk behind
New Int walk behind
New Ford front mounted,
42" single stage
New Int front mounted,
54"
New Kubota front
mounted
New Hanson 3 pt 4 ft
New Electrak
Used Sears tractor and
blower
Used Gravelly tractor and
blower
Used AC tractor and
blower

**STRALEY FARM
SUPPLY, INC.**

1760 East Canal Rd
Dover, PA 17315
717-292-2631 or
717-292 4443

FARM EQUIPMENT

John Deere 2510 Gas Tractor
with cab \$4200. Excellent
condition. 301-875-2478.

FLAIL CHOPPERS

Brady 144"
Brady 6'

TRACTORS

IH 450 Oliver 1650
IH 350 JD 4010
IH 544 JD 2010
IH 340 JD 3010
IH 300 JD A
IH 606 JD B
IH 806D

MISC.

AC 6 row Air Planter
Fox Blower 52"
IH Blower 56"
Hesston 30 Stacker
Hesston 30 Mower
Hesston Hydro Swing
IH Disc Harrow

**GRUMELLI FARM
SERVICE**

Quarryville
Phone 786-7318

FARM EQUIPMENT

For Sale - 1970 Dia Reg tractor,
318 Detroit, rebuilt 13 sp.
trans/air tag axle, new
clutch, tires, good condition
\$7500. Columbia Co
717-889-3071.

USED EQUIPMENT

NH 68 baler; NH 56 & 55
hay rakes; (1) NH 455 &
(3) 450 mowers; John
Deere KBA discs, (1)
transport, (6) pull type;
Oliver 26 pull type
plows; Oliver & IHC 2
way plows; MC 7 ft.
rotary scythe;
Nicholson hay tedder;
NI 751 & 752 hay
crushers; Wisconsin
engines, 2 cylinder & 4
cylinder w/clutch
reduction; AC-B power
units w/clutch reduc-
tion.

**Thomas J. Wheary
& Son**
717-687-6553

FARM EQUIPMENT

John Deere 4430 Tractor, 4
post roll guard, quad range,
1150 hrs., excellent condi-
tion. Will trade for smaller
tractor. 301-829-0271 or
301-795-1995.

Wanted - Front steel wheels
with springs for JD 630 stan-
dard 6 lug, 25" high, good
shape, Chihuahua puppies,
ready till Christmas
717-354-0293.

FARM EQUIPMENT

M.F. 180 Tractor
(5) NH Used Haybines
700 Bobcat Skid Loader
Mighty Mac Skid Steer
Loader
WENTZ FARM SUPPLY
Palm, PA
215-679-7164

For Sale - 1 Bindbreaker cab
for Farmall tractor, new 1
pr. chains heavy 16-5-38, 1
AC no till planter, 4-row, 3
boxes. 301-457-4634.

USED EQUIPMENT

TRACTORS

JD 4020D, 60
IH F460G, M
AC WD 45G w/loader

COMBINES

Oliver 545 w/grain platform
AC G w/grain platform
JD 40 w/8' platform & 205
corn head
JD 244 corn head
JD 4400G w/13' platform,
JD 444 corn head
JD 6600D w/15' platform

CORN PICKER

NI 323 1 row, pull type

BALERS

IH 56W
IH 47T w/thrower
AC 444 w/thrower
NH 270 w/thrower

HAYBINES

NH 469
IH 990
AC 390
Hesston PT10

FORAGE EQUIPMENT

JD 3800 Harvester with
pickup & 2-30" corn
head

NEW EQUIPMENT

TRACTORS

JD 850, 4440
Long 560 with loader

SPREADERS

JD 34, 40, 660, 680
NH 513, 519, 679

FORAGE EQUIPMENT

JD 3800, 35 harvesters
JD 16A rotary chopper
NH 770, 718 harvesters
NH 25, blower

LOADERS

JD 143, 146

HAYBINES

NH 495, 489

WAGONS

JD 965, 1065A, 1075
NH 14, 230
JD 714, 716
NH 8

CISC

JD 210 11'5"
JD 220 18'6" Demo

FREE FINANCING ON SOME ITEMS

I. G. SALES

Silverdale, PA 18962

215-257-5135



SPERRY-NEW HOLLAND

**DeLAVAL
JAMESWAY**

**Quonset
Buildings**

**WINTER
BUYERS
OPTION:
Cash Bonus**

or

**Free
Finance!**

SPERRY

NEW HOLLAND

HERE'S THE BIG CHOICE OF EQUIPMENT
INCLUDED IN THE PROGRAM.

1400, 1500, TRTM 70 Combines,
1890, 1895 Forage Harvesters

1068, 1069, 1075 Bale Wagons
1425 SP Baler, 1100, 1112 Windrowers,
1495 Mower-Conditioner

500 Baler, 1034, 1063 Bale Wagons

782, 892 Forage Harvesters
425, 430 Balers, 1002, 1036, 1037 Bale Wagons,
Combine Corn Heads

495 Mower-Conditioner, All Round Balers,
1052 Stack Retriever

707, 718 Forage Harvesters, 310, 315, 320 Balers,
478, 488, 489 Mower-Conditioners

34, 38 Crop-Choppers,
8 Crop Carrier, 442, 462 Disc Mowers

All Rakes, All Forage Blowers,
All Sicklebar Mowers, 70 Bale Thrower

December
Cash Bonus

\$1,900

\$1,300

\$ 900

\$ 600

\$ 500

\$ 400

\$ 300

\$ 200

\$ 150

\$ 60

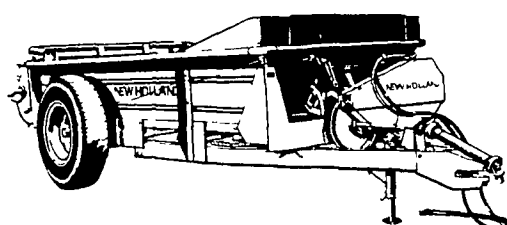
WAIVER OF FINANCE ON NEW & USED EQUIPMENT

• HARVESTERS • CROP CARRIERS • BLOWERS • HAY EQUIPMENT
• ALL NEW & USED TRACTORS AND IMPLEMENTS SOLD WITH
TRACTORS TILL MARCH 1, 1979.



**INTRODUCTION OF THE NEW
IH 84 HYDRO TRACTOR WITH
2250 QUICK ATTACH LOADER**

*Who Gives You New Sides Free
on a Used Spreader?*



Sperry New Holland does, if the old sides
ever rust through during the useful life of the
spreader. See Our New & Used Sperry
New Holland Spreaders Now.

**CHRISTMAS
SPECIAL**

• TOYS • TOOLS • RADIOS
• STIHL CHAIN SAWS • KELLY LOG SPLITTERS

COMPLETE LINE OF USED EQUIPMENT

Farmall 656D Tractor
NH S.P. 1880 Diesel, 3 Heads,
(Good Cond.)
IH 315 Packer-Mulcher
Brillion 10 ft. Cultipacker
IH 1150 Grinder-Mixer
JD Grain Drill
MF Baler
NH 69 Baler
NH 269 Baler

NH 270 Baler
NH Super 717 1-Row Pickup
IH 225 S.P. Haybine
NH 479 Haybine
IH 311 Plow
IH 50 Harvester
NH 365 Tank Spreader, Good
Cond.
NH 510 Single Beater, Hydraulic
gate

NH 475 3 Beater Spreader
Several Used Spreaders
IH 37 Disc Harrow
AC 10 ft. Transport Disc Harrow
Several Used Disk Harrows
Oliver 4 Bot Semi-Mtd. Plow
IH 990 Mower-Conditioner
JD 494 6-Row Planter
JD 66 Blower
200 gal. Trailer Sprayer, fiber-
glass tank

MESSICK

**FARM
EQUIPMENT, INC.**

RHEEMS EXIT - RT. 283

ELIZABETHTOWN, PA.

PHONE: 717-367-1319 — 653-8867

M. DALE HERR - HOME 859-2490

WARREN SPICKLER - HOME 653-4560

SPERRY

NEW HOLLAND

HARVESTING EQUIPMENT

TRACTORS

JD 4320 Dsl. w/RG &
enclos.
JD 4020D, PS, 66 Model
JD 4020D, side console
JD 2840D, 130 hrs.
JD 3020 Dsl. PS, Side
Console
JD 3020 Gas
JD 2510 Gas
JD 2030 Dsl.
JD 2020 Gas
JD 730 Dsl. Elec. Start
JD 720 Dsl. Elec. start
JD 630 Gas
IH 1466 w/c(SOLD)0
hrs. - very nice
IH 1066 Dsl.
IH 986 Dsl.
IH 756 Dsl.
IH 756 Gas, very nice
IH 656 Gas
IH 560 Gas, WFE
IH 560 Dsl.
IH 140 w/snow plow
IH 130 w/mower
Ford 5000 Dsl. 8 spd.
Ford 9000 w/cab
Ford 5000 Dsl. 8 spd.
Ford 4000 Ds. SU
w/loader
Ford 3000D
& AC
MF 1100 Dsl.
MF 1085 w/cab
Oliver 2155D
Oliver 1850 Dsl.
Case 1030 Dsl. CK w/cab
Case 995D 75
Case 970D
Melroe Bobcat

DISCS

JD BWF, folding
JD BWA, AW, & RWA
IHC 370

PLOWS

JD, IHC 3, 4, 5, & 7 bot-
toms
Ford 3 pt. 4 bottom

COMBINES

MF 410 w/Quick Tach
Grain Platform &
Pickup Reel. Choice
of corn heads.
MF 82 w/platform & 2
row corn head
IH 715 hydro w/grain
platform & 4-row
wide corn head
IH 205 w/Grain Plat-
form & 2 row corn
head
JD 55 Squareback w/
Quick tach platform
JD 4400 D w/grain plat-
form & 4-row narrow
corn head, ex. cond.
JD 4400 Gas w/grain
platform
IH 82 pull type, ex. cond.
NI 701 Uni 710 combine,
13' platform, 723 2-
row C.H.

NEW BALERS

JD 336, 346(SOLD)
Used NH 273, Ex.
w/throwers
Used JD 346 wire
w/thrower
Used NH 276 w/thrower

CORN PICKERS

Selection of New Idea
1 & 2 row Pull Type
& Mounted Shellers
& Grinders

HAYBINES

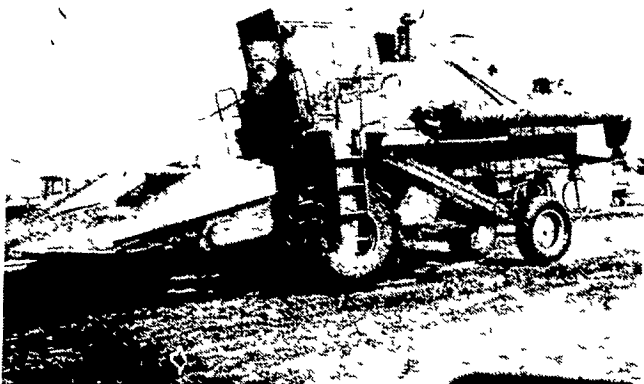
NH 477, 479
JD 485 & 1209
Hesston PT10, 1010
Hydro Swing

GUNTHER HEUSSMAN INC.

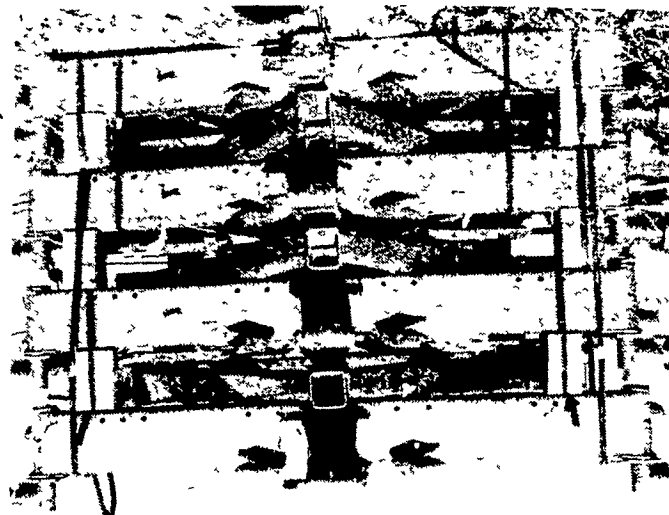
So. 5th St., Emmaus, Pa. 18049
215-965-5203

PRICES THAWED**AGWAY**

DURING OUR
WINTER SALE!



**CHAPMAN
EQUIPMENT
CENTER, INC.**
 WESCOSVILLE, PA.



**1978 JOHN DEERE 6600
SIDEHILL HYDRO**

• 393 Hrs., 1/2 Yr. Warranty On Machine, 1 1/2 Yr. Warranty On Engine, 643 Cornhead (Used 2 Seasons), Rental Unit, List \$57,900

SALE PRICE \$43,000

**1978 JOHN DEERE 6600
SIDE HILL POSI TORQUE**

• 226 Hrs. 1/2 Yr. Warranty On Machine, 1 1/2 Yr. Warranty On Engine, 643 Corn Head (Used 1 Season) Rental Unit List \$56,400

SALE PRICE \$43,000

**1978 JOHN DEERE 6600
LEVEL LAND HYDRO**

• Approx 225 Hrs. 1/2 Yr. Warranty On Machine, 1 1/2 Yr. Warranty On Engine Rental Unit List \$41,200

SALE PRICE \$33,000

**JOHN DEERE 1065A
7 TON WAGON**

• With 15x8LB Wheels, Less Tires, Adj Hitch Pole, Knock Down, Customer Pickup, List \$746

SALE PRICE \$525

**JOHN DEERE 1500
POWER TILL SEEDER**

• Rental Unit, List \$5,700

SALE PRICE \$3,500

**JOHN DEERE
NO. 40 SPREADER**

• With 20" Used Tires, 175 Bu., List \$3,090

SALE PRICE \$2,200

**JOHN DEERE NO. 790
FLAIL SPREADER**

• 5 Ton, 20" Rims, Knocked Down, Customer Pickup, List \$3,111

SALE PRICE \$2,775

**JOHN DEERE 8200
GRAIN DRILL**

• 16x8 with 750-20" New Tires, Grass Seed Attach., List \$3,969

SALE PRICE \$3,350

**DUNHAM LEHR
MODEL 22100 LOADER**

• For JD 4000 Series Tractor, with 66" Bucket with Teeth, Knocked Down, Customer Pickup, List \$2,065

SALE PRICE \$1,395

**GEHL BU610
FORAGE BOX**

• 14' Body, Less Running Gear, List \$2,769

SALE PRICE \$1,875

**BUSH HOG 3 PT.
HITCH BOX SPREADER**

• 6' Cut, List \$467

SALE PRICE \$250

**BUSH HOG 166
STALK SHREDDER**

• 4 Row, List \$4,152

SALE PRICE \$3,475



**JOHN DEERE 1610
3 PT. HITCH CHISEL PLOW**

• 10' with 3" Twisted Shovels, Cushion Spring Shanks, Set Up, Customer Pickup, List \$1889.50.

Sale Price \$1,365
 Less JD Bonus Bucks \$100
SAVE AT \$1,265

**JOHN DEERE 1610
TRAIL CHISEL PLOW**

• 10' with 3" Twisted Shovels, Cushion Spring Shanks, Knock Down, List \$2037.75

Sale Price \$1,475
 Less JD Bonus Bucks \$100
SAVE AT \$1,375



SAVE!

- ★ **SAVE WITH INVESTMENT CREDIT**
- ★ **TERMS AVAILABLE**
- ★ **SOME MACHINES HAVE WAIVER OF FINANCE**

SAVE!

**SERVICE
SPECIAL!**

On All Service Jobs, \$1,000 Or More,
 Scheduled By January 31, 1979...
15% DISCOUNT ON ALL JOHN DEERE PARTS!
 • No Charge For Pickup & Delivery.

**15%
OFF
ON
PARTS**

AGWAY

CHAPMAN EQUIPMENT CENTER, INC.

WESCOSVILLE, PA.

PHONE: 215-398-2553 or 215-395-0866

FARM EQUIPMENT

USED EQUIPMENT

J.D. A Tractor
J.D. 4020 D, PS w/WFE
Ford 5000 D w/ind.
loader
Ford 4000 Gas w/loader
Ford 8N Tractor
w/snow plow
IH 856 w/cab
Sauder Snow Plow for
Ford Tractor
JD 3800 Chopper w/3-
row head.
Fox Chopper
JD 45 Combine w/corn
& grain heads
AC 303 Baler
Case 535 Baler
J.D. 24T Baler
J.D. 24T Baler w/#30
Hyd. ejector
I.H. 440 Baler w/kicker
Hesston 56 Round Baler
Hesston 10' Mower Con-
ditioner
J.D. 15' Roller Harrow
JD 214 & 115 Chuck
Wagons
WENGER
IMPLEMENT, INC.
The Buck, PA
717-284-4141

FARM EQUIPMENT



SPERRY NEW HOLLAND

TRACTORS

Case 1070
Oliver 77 Gas w/mower
Oliver 880 Diesel
Fordson Major 5000
Tractor
'74 Ford 3550 Diesel, 13'
backhoe, torque con-
verter trans.

EQUIPMENT

NH 33 Crop Chopper
NI Box Spreader w/end
gate & fine manure
pan
NH 516 Spreader w/end
gate
(2) NH 327 Manure
Spreaders

**CHARLES S.
SNYDER INC.**

RD 3 Tamaqua, PA
18252
Phone: 717-386-5945

FARM EQUIPMENT



NEW TRACTORS
IN STOCK

Int. 684
Int. 384
NEW EQUIPMENT
Int. 510 5-bottom Plow
USED EQUIPMENT
Farmall M tractor
NH 33 Flail Chopper
CORN EQUIPMENT
Moridge Corn Dryer
Used M & W Model 155
Corn Dryer
Kory 220 bu. Gravity
Boxes w/10 ton gears



Waiver of
Finance On
New Equipment
**LAMB'S FARM
MACHINERY**
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

For Sale: One 1968 Case 1150
front end loader & ripper,
completely overhauled, less
than 200 hrs. Ph.
717-665-9512.

Used Snow Equipment -
Blowers, V Plows,
Loaders, 3 Point Blades,
Tractors with Loaders,
Skid Steer Loaders, Pay
Loaders. Fork Lift,
Trenchers, Wood Chip-
per, 3 Point Backhoe, 3
Point wood saw, Fer-
tilizer Spreaders, Ce-
ment Mixers, PTO and
ground driven
Spreaders, Liquid
Spreaders. 1 to 6 bottom
Plows, used Chisel
Plows, Grinder Mixers,
Disc Harrows, Tractors
with Backhoes, Log
Loading Tractor. Hun-
dreds of Tractors and
lots of Equipment not
listed.

CLYDE E. KEENER
Intersection of
Rts. 72 & 283
Lancaster, Pa. 17601
Phone 717-569-9861

FARM EQUIPMENT

**PATZ
SALES
&
SERVICE**

SEE US FOR

- Barn Cleaners
- Silo Unloaders
- Tank Spreaders
- Conveyors and Feeders

**LANDIS &
ESBENSCHADE**

RD #2, Box 283
Quarryville, Pa.
Call Jim at
786-4158

FARM EQUIPMENT

Dismantling for parts
AC-HD-7G, good parts
available
Wisconsin VE4 hand crank &
gear reduction ... \$350.00
Used & New Parts available
for Cat. A.C., IHC &
other crawler tractors.
Vilsmeier Equipment Inc.
Route 309
Montgomeryville, Pa., 18936
Phone: 215-699-3533

For Sale - NH 55 & 56 hay
rake, NH 455 trailer mower,
NH 32 ft., 37 ft., and 38 ft. hay
and corn elevators. Ford 501
3 pt. mower, 7 ft. bar, Oliver
12 & 14" 2 bottom trailer
plow. 717-687-6553.

**MF
Massey Ferguson**



NEW EQUIPMENT
IN STOCK

Free financing on com-
bines until Sept. 1, 1979
& tractors until
April 1, 1979

December Special

MF 1155 Tractor
w/cab, air cond. &
duals.
List \$32,000
Sale \$25,500

MF 2745 tractor, with
cab & duals
MF 1085 tractor, diesel,
8 speed
MF 285 tractor, 8 speed
MF 265 tractor, diesel
w/multi-power
MF 760 combine with
cab
MF 540 combine
NH L35 skid loader
NH L325 skid loader

USED EQUIPMENT

Int. 1066 Turbo
w/air - 700 hrs.
\$16,500

Ford 8N Tractor
Oliver 550 gas tractor
Ferguson TO 30 tractor
MH 30 tractor
MF 165 gas multipower
(2) MF 300 combines
MF super 92 diesel com-
bine

2 JD 12A pull type com-
bines w/motors \$250
each as is
MH 80 combine, 2 row
head, 12 ft. grain
table

Case 1160 combine, corn
special, 4 row wide
head, 13 ft. table
Gleaner F corn-soybean
special, 4 row wide
head, 13 ft. table 1972
model

NI 1 row corn picker
(2) MF 33 corn heads
MF 24 corn head, 10 ft.
table, pickup reel
NH 285 baler \$3200
NH 275 baler w/thrower
NH 36 crop chopper
NH 7 forage wagon com-
pletely rebuilt
MF 33 Grain Drill
GT grain dryer, 350 bu.
model 370

**ABRACZINSKA'S
Farm Equipment,
Inc.**

RD 1, Catawissa, PA
717-356-2323
(south on Rt. 42)



SPERRY NEW HOLLAND

OUR POLICY ON MACHINERY, PARTS & SERVICE
• QUALITY FIRST • AT A FAIR PRICE



WINTER SERVICE SPECIAL

**Free
Trucking!**

**ON ALL EQUIPMENT
BOOKED NOW
THRU JANUARY**



**NOW IS THE PERFECT TIME TO GET YOUR TRACTORS &
EQUIPMENT IN SHAPE FOR NEXT SEASON!
ALSO APPLIES TO LAWN & GARDEN TRACTORS!**

★ **CALL DICK BONHOLTZER TODAY AT 717-397-5179** ★

winter
BUYER'S OPTION:



**Cash
bonus
or
Free
Finance!**

**SAVINGS UP TO
\$1900**

Call For Details.

**USED NEW HOLLAND
1890 SP HARVESTER**

w/3 Row Head, Ex. Cond.
Waiver till Aug. 1, 1979.

**AUTHORIZED
SPERRY NEW HOLLAND
PARTS and SERVICE**

**WAIVER
OF
FINANCE**

★ All New & Used Hay
Equipment Till
May 1, 1979.

★ All New & Used
Forage Equipment
Till Aug. 1, 1979.

**WE ARE NOW
AN AUTHORIZED
DEALER IN
FIREARMS AND
AMMUNITION.**

- We will price and sell
any make or brand.
- Phone 717-397-5179
Ask for Steve.

USED EQUIPMENT

S717 Harvester
S717 Harvester w/717 R2
741 Corn Head
717W Pick Up Head
727 w/Head
38 John Deere Harvester w/2
Row Wide Cornhead and
Pickup Head
MF Harvester w/2 row Head
and Windrow Pickup
AC 480 Blower
NH 26 Forage Blower
AC D-14 Tractor
CA Allis Chalmers Tractor
516 NH Spreader
AC Disk Harrow
Ontario Grain Drill

Bob Cat Loader
AC D-17 Tractor, Ex. Cond.
#7 Forage Box with #15
Running Gear
#6 Forage Box
1469 Haybine
(2) NH 479 Haybines
NH 469 Haybine
NH 461 Haybine
NH 1495 S P. Haybine
John Deere Hay Tedder
37 IH Engine Baler
NH 273 Baler w/Thrower
268 Baler w/53A Thrower
269 Baler w/53 Thrower
Brillion Cultipacker
John Deere Cultipacker

STARLINE

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PARTS & EQUIPMENT**

L. H. BRUBAKER, INC.

350 Strasburg Pike, Lancaster, PA

Phone: 717-397-5179

**CALL OUR
FRIENDLY
SALESMAN
BOB GANTZ**

717-397-5179
or 687-6002
Or Call His Home
653-5020 anytime

**SPERRY
NEW HOLLAND**

**KERMIT K.
KISTLER**

Rt. 143,
Lynnport, PA. 18061
Ph: 215-298-3270

LONG**CONSIGN YOUR USED EQUIPMENT TO OUR LOT****LONG****OFFERS CONSIDERED****RUBBER TIRED LOADERS**

Hough 2 WD w/backhoe	\$2500
JD 1010 w/ldr - as is or repaired	\$2800 or \$5800
Int. 300 w/power steering	\$3450
Ford Unloader	\$3800
[2] Case 1740D Un-loaders	\$3900-\$5500
Ford 45(SOLD)ROPS	\$4900
AC TL16 Diesel w/Cab	\$8500
CAT 944-new tires-rebuilt engine-cab	\$14,500

MISC. CONSTRUCTION

[150] Backhoe & Loader Buckets	\$75 & up
[5] Sweepers - mounted	\$200 & up
[12] set Forklift Forks	\$250 & up
ROPS for JD 350 crawler	\$250
Stationary Compressor for small garage	\$500
Ripper for Case 450	\$750
Farm 3 pt. Winch	\$950
Rubber Tired Roller	\$1000
Ripper for late Int. TD6	\$1250
5 H.P. Garage Compressor - like new	\$1750
Winch for JD 350 crawler	\$2000
Huber Maintainer - clean	\$5000
Lorain Truck Crane - Cummings diesel - 18 ton	\$5500
CAT 12 Grader w/Cab	\$8500
Lorain 30 Ton Truck Crane	\$20,000

CARS & TRUCKS

1964 Chevy Impala Convertible - PS - PB - Auto	\$1500
1965 Int. Horse Van - clean	\$2000
1962 Ford w/16' Dump & Cattle sides	\$2950
1975 Chevy Monte Carlo	\$3900
1969 GMC - Flat Bed Dump	\$3750
1964 Corvette - 2 tops - 4 speed	\$4900
1977 Chrysler Cordoba	\$4950
1978 Chevy Pickup - PS - PB - Auto	\$4950
1978 Dodge Aspen Station Wagon - 4000 miles - air - like new	\$5695
1972 Ford F350 - 15' rollback & winch	\$6250
1975 Cadillac Fleetwood Brougham	\$6500
1976 GMC Customized Van - Midas Touch - loaded	\$6995
1978 Chevy Scottsdale - 4WD Pickup - auto - PS - PB	\$7100
1971 Int. w/Machinery Tilt Bed & Winch	\$7500
1970 Chevy C50 - PS - 5 & 2 - hay body - clean	\$7500
1973 Int. 1600 w/14' grain dump - very good cond	\$7500
1973 Ford C900 w/22' bed - air brakes - air conditioning - 2 speed rear - power steering - stake sides	\$8500
1977 Cadillac Coupe Deville - Loaded	\$8850
1978 Lincoln Versailles - loaded - 7000 miles - lists for over \$13,800	\$10,900
1976 Chevy C65 w/new 18' Omaha Grain Dump - sharp	\$13,500
[3] 1979 Chevy 4 WD Pickups - 1/2 ton heavily loaded	Call For Price
[2] 1979 Chevy 4 WD Pickups - 3/4 ton heavily loaded	Call For Price
1979 Int. 4200 Tandem - 318 Detroit	
13 Speed Roadranger - power steering - full screw - 26' Jerr- Dan 15 ton	
Rollback with winch - 20" Budds	Call For Price

CRAWLER LOADERS

CAT 933(SOLD)	\$5500
Case 310 - 4 in 1 bucket	\$6500
CAT 933	\$6500
Case 450 w/ripper	\$7500
CAT D4 - cleaned & painted	\$7500
Case 350 - 4-in-1 b(SOLD) - ripper	\$7900
JD 450	\$9500
JD 350 - new undercarriage	\$9500
Case 1150 - 1970	\$14,500
CAT 931 - 1974 ROPS - rebuilt w/c	\$21,500
CAT 941 - new undercarriage	\$23,500
CAT 951C w/ROPS - new under carriage - 1974	\$32,500

BACKHOES

New Long 3 pt w/pump - setup	\$3750
Ford 4500 - ROPS - loader only	\$4900
Long 5-in-1	\$5900
Ford 4500 w/Reverser - ROPS - gas	\$6000
Int. 3514 - hydrostatic - 1970	\$7500
Int. 3616 - hydrostatic - 1969	\$6900
Int. 3800 - 4 WD - cab	\$11,800
Long 5 in-1 w/4400 crane - cab - Demo	\$26,500

UNI SYSTEM EQUIPMENT

[3] NI 729 A Sheller	[2] NI Uni Pickup Head
[3] NI 710 Combine Unit	[4] NI 3x30 Corn Head
[2] 711 Grain Head	[3] NI 3x40 Corn Head
[2] NI 4x30 Corn Head	NI Uni Harvester
[2] NI 3x30 Harvester Head	NI 702 Tractor w/cab
NI 2x40 Harvester Head	NI 701 Tractor w/cab
[3] NI 2x40 Corn Head	NI 727 Husking Bed

FARM TRACTORS

AC C w/2 row cultivator - hydraulic - clean	\$950
Farmall 450 gas	\$1500
JF MT w/cultivator - clean	\$1500
JD G - power steering	\$1500
Ford Jubilee - 3 point	\$1950
Farmall Cub - plow - mower - hydraulics	\$2150
Farmall Super A w/loader & duals	\$2550
Farmall Super A w/cultivator-clean-fast hitch	\$2650
Farmall 560 - D - FH	\$2750
Ford 800 w/plow - harrow - disc	\$2950
Oliver 1550 utility	\$3250
Int. 300 w/loader - power steering	\$3450
IH 444 Diesel - 1970 - Power Steering - New Paint	\$3500
JD 820 Diesel w/PTO - clean	\$3650
Farmall 140 w/FH & cult	\$3700
JD 730 Diesel - 3 pt - direct electric	\$3750
JD 730 Diesel - Sharp	\$3750
Farmall M w/NI 12 roll picker	\$3950
Farmall Cub - rotary mower - 1977	\$4250
Farmall 706 Diesel w/3 pt	\$4500
MM G900 Diesel - WF - PS	\$4650
Farmall 706 Diesel - FH - Try	\$4700
Ford 4000 Diesel-row crop-8 speed-PS	\$4750
IH 454 Diesel - PS - 1971	\$4900
Ford 4500 Gas-w/loader-RO(SOLD)aught shift	\$4950
Case 930CK Standard	\$4950
MF 175 Diesel utility - multipower	\$4950
Case 1030 Diesel - WF - 3 pt	\$5250
Farmall 706 Diesel - WF	\$5500
Case 930 CK	\$5750
AC 180 Gas	\$5850
Long 460 - New	\$5900
MF 1130 w/rollbar	\$6000
International 574 - rollbar	choice \$6250
[2] Long 560 - 200 hours & 400 hours	\$6500
Long 560 - 4WD - loaded - 300 hours	\$6500
Case 1030	\$6750
MM G10(SOLD)ta w/cab	\$6750
Int. 656 Diesel - Hydro w/loader & roll bar	\$6950
Case 930 CK - New Paint - New Tires	\$6950
Farmall 656 Diesel - hydro - wide front - new tires	\$6950
JD 3020 Diesel - WF	\$6950
MF 1100 Diesel - WF - clean	\$7250
Long 560 4WD - demo	\$7500
Case 970 w/cab - powershift	\$7500
Oliver 1850 w/over & under	\$7500
Farmall 706 German - clean - 1967	\$7750
Farmall 856 w/cab	\$7850
JD 4020 Diesel - WF - Powershift	choice \$7950
[2] Farmall 806 - WF - 3 pt	\$8000
MF 1130 - 1967	\$8250
Oliver 1755 - over & un(SOLD)1900 hours - 1973	\$8450
Long 560-4WD-new	\$8500
MF 1130 w/duals - 1970	
Oliver 1855 - 18.4x38 tires - 2500 hours - new 1955 engine changeover	\$8750
A C 2(SOLD)CAB - Air	\$8750
Farmall 826 - clean	\$8950
Farmall 856 - 3000 hours	\$9500
Long 560 - 4WD - HI Clearance Model w/130 hours	\$9500
MF 1085 w/cab	\$9500
JD 5020	\$9500
Ford 8600 - dual power - 1973 - 2500 hours - 4 set weights	\$9750
IH 1456 - 1970 - new tires - clean	\$9750
Ford 9600	\$10,500
JD 4020 Side Console - new tires - clean	\$10,500
IH 1066 hydro - 1971 - new tires - clean	\$11,750
Farmall 966 w/cab - air	\$12,500
JD 5020 w/cab (SOLD) - duals	\$12,750
Farmall 1066 w/cab - 1973 - air	\$12,900
JD 4620 w/cab - air - 20 8x38's	\$13,500
Case 1370 w/cab & duals	\$14,500
Farmall 1466 w/cab - clean - 1974 - air - wts	\$14,500
AC 7000 w/cab - 600 hours - air - weights	\$15,900
Int. 4166 - 4 WD - Cab - Air - 3 pt - PTO	
28.1x26 tires - 1974 - 2100 Hours - Weights	\$22,500

COMBINES

MC 76	\$250
JD 30 pull type	\$1000
Int. 101 - 10' Hume Reel - nice	\$2250
[3] NI 710 Uni Combines	\$2350 each
Int. 203	\$3750
Int. 82 pull type	\$3750
JD 40 - 10' Hume Reel - nice	\$3750
Int. 203 w/cab	\$4000
Int. 203 w/cab - clean	\$4500
NI 701 Uni Tractor w/cab	\$4500
JD 45 Square back w/cab	\$4750
[2] Gleaner CII w/cab	\$5750-\$6250
Gleaner EIII w/cab	\$6750
Int. 205 w/cab	\$6750
MF 410 w/cab	\$8250
MF 510 w/cab - quick tach	\$8750
Gleaner K w/cab	\$8900
[2] Long 5000 Diesel w/cab, demo	\$11,500 each
JD 4400 w/cab	\$16,500
JD 55 Square back w/cab - nice	coming in
NI 702 Uni Tractor w/cab	coming in

NEW & USED DUALS ON STOCK**WANTED
TRACTORS & COMBINES
FOR SALVAGE****LOG SKIDDERS**

JD 440A - 1967(SOLD)	\$6850
Int S7C	\$7850
JD 440B - 1973	\$10,500
JD 440B - 1970	\$11,500
JD 540 Powershift	\$13,500
JD 540 - powershift	\$14,500
JD 440B - 1974 - powershift	\$14,500

**"3 PT. SCRAPER BLADE
SPECIALS"**

6'... \$185 7'... \$205 8'... \$295

FORKLIFTS

Motolift - as is	\$1000
Clark 5000 lb. Solid Tires	\$1350
White - Solid Tires	\$4500
Yale - air tires - clean	\$4800
MF 2200 Diesel - 1972	\$5900
York-Baker-air tires-clean-8' forks-excel.-700 lb	\$10,500
Case 586 Diesel - Hydrostatic - 6000 lb - new tires - 1974 - clean	\$14,500

CRAWLER DOZERS

CAT D4 w/winch	\$2000
Int. TD 6-late model-ripper	\$5900
JD 350-6 way	\$5900
Int. 500C	\$7500
CAT D8 & Pan	\$9500
CAT D8-15A	\$14,000

**NI SHELTER &
GRINDER ATTACHMENTS****TRAILERS**

[20] NEW Hudson tag-a-long Trailers	From \$500 to \$5000
Gramm 30' flat	\$975
New Horse Trailer (SOLD)orses	\$1350
Lowboy with beavertail	\$2950
1973 Fontaine 25 Ton Lowb(SOLD)ery clean	\$8000
1978 Fontaine 42' drop deck	\$9500
1977 Delta Combine Trailer - 44'	\$11,500
Great Dane 35 ton detachable	\$13,750

**FIRST CALF SPRING
HEIFERS — ALL HOLSTEIN
★ 30 TO CHOOSE FROM
\$750 CHOICE****OTHER EQUIPMENT**

Saw Bucks	\$65 & up
New 3 pt. Carryalls	\$150
Stalk Chopper for balers	\$150 & up
Jamesway Silo Unloader (new) as is - 14'	\$295
[3] JD 43 PTO Shellers	\$350 & up
Snowmobile	\$350
Int. Roll Bar	\$350
[12] NI sheller & grinder units	\$375 & up
Ford 8000 Roll Bar	\$450
White - Oliver Roll Bar	\$450
MM 1200 Sheller (Rough)	\$475
New Little Giant corn drags	\$500
New Wood Splitter for 3 pt	\$600
JD 43 3 pt. Sheller	\$650
Year-A-Ro(SOLD)b For 806	\$750
[3] Int. 234 Sheller units	\$1000 choice
NI Wheel Rake (demo)	\$1150
[2] MM D PTO Sheller w/drag	\$1250-1750
New Cardinal 51'6" Auger	\$1550
Cab for 930-1030 Case (New)	\$1750
NI 272 Cutditioner	\$1975
Demo Wetmore Feed mill	\$2750
New Grainovator 30 wagon	\$3500
Hesston 10 Stacker	\$3750
Lots - lots more	

**NEXT CONSIGNMENT SALE
DECEMBER 18
9:30 A.M.****LONG****WENGER'S INC.****LONG**

HOURS
Mon thru Fri 7:30 - 5:00
Sat Mch Dept 7:30 - 3:00
Parts Dept 7:30 - Noon

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown

PHONE: Days 717-866-2135, Nights 717-866-7147 OR 717-273-9089

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT



New Equipment
No. 10 IH flail chopper
Gehl FC72 flail chopper

Used Equipment
No. 510 MF combine, 6-row narrow corn head, grain plat. This weeks Special, under \$12,500.
No. 400 IH cyclo corn planter, 6-row, out of season price
AC no till 4-row corn planter
IH No. 225 hay swather, self propelled.

MECKLEY/DALMATIA
Dalmatia 758-3021
758-6491

FOR SALE
NI 212 3 beater spreader w/hyd. end gate, nice cond. \$1450
NI #213 single beater spreader \$950
Leyland 272 tractor, turbo, 85 PTO hp., 1250 hrs., A-1 cond. \$8300
Leyland 270 tractor, turbo, 85 PTO hp., good cond. \$7400
Landoll Model 275 Soilmaster 9 spring shank \$2900
Model F-19 Farmhand loader for JD 2010 mounting \$350
Set of dual wheels 18.4x30 rubber. \$400
HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA 1717-865-4526

Wanted - Rear axle for older Case tractor, model VA0-15. Please call collect 201-722-6294.

For Sale - Portable building, 8x20', electric light, sockets and insulated \$500. 301-838-1470 or 717-456-7497.

FORRESTER BROS. FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
We Service What We Sell.

JD 4320
7 JD 4020
JD 4010
JD 3120
2 JD 2120
4 JD 2020
JD 1020
JD 60(SOLD)
2 Ford 8600
3 Ford 8000
2 Ford 6700
4 Ford 5000
3 Ford 4000

3 Ford 3000
Ford Roadless 95 4 wd.
Ford Roadless 65 4 wd.
Int 966
Int 674
Int 574
Int Farmall H
MF 175
Ferguson 35
David Brown 1200 w/loader
Deutz 6006, \$3600

Field Ready Tractors.

Wanted - Loader to fit 40, 420, or 430 John Deere crawler. Ph. evenings 737-738-1327.

For Sale - New Holland 357 Grinder Mixer, like new. Ph. 717-922-1410.

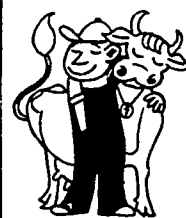
OUR SPECIAL 52 WEEKS OF THE YEAR

IS MOORE SERVICE AND HIS HELPERS



EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Persuader Pumpagator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Also:
Registered Holstein Bulls
SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536



BRICKERVILLE EQUIPMENT

Lester Boli, Prop

RD 1 Lititz, Pa., 1/2 mile East of Brickerville on Rt. 322

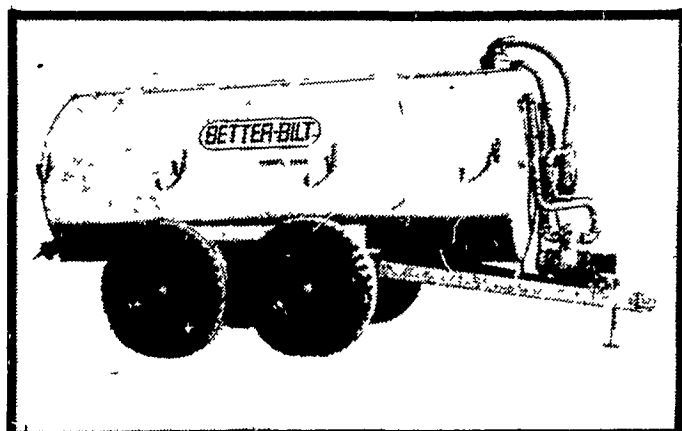
717-626-6198

BUY "BETTER-BILT" EQUIPMENT WHY? IT'S "BILT-BETTER"

NEW SPREADERS IN STOCK

800's
THRU
3100's

CALL FOR PRICE



We believe in being competitive.
Call and give us a try.

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Edwin N Kurtz, RD 1 Ephrata, 717-733-8193, Better-Bilt Distributor

Call Us For Your Needs Of

- FARROWING CRATES
- LAGOON PUMPS
- HIGH PRESSURE PUMPS

(1) Used 2100 Tandem Better-Bilt Spreader 1 yr old
Used MF 100 Tractor cab, low hrs.

NEW HOG SLATS
24" x 96", 7" Top
24" x 120", 7" Top
Approximately \$2.30 per sq. ft.

SPERRY HOLLAND
GEHL, BUSH HOG
NEVIN N. MYER & SONS, INC.
RD1, Chester Springs, Pa.

New Holland has Free Finance on Hay Equipment until May 1, 1979
Forage Harvesters with Hay Pickup till May 1, 1979 and Aug 1, 1979 on Forage Harvesters with corn heads and complementary equipment
Winter Buyer's Option! Cash Bonus or Free Financing! The size of your bonus check depends on the month you buy Dec, Jan, Feb

New Holland Equipment in stock Special Deals offered on the following models
718, 770, 890, 770E snapper mtd

CASE TRACTORS
990, 995, & 1210
(2) 1370 Cab, Air Cond & Heat, PS trans, 20 8x38" Rr tires, frt weights One 212 hrs, one 234 hrs

CASE UNI LOADERS
1830, 10 00x16 5 flotation tires, 60" utility bucket, tool tach, hour meter, set of 2 counter weights
Cash Price \$7,495 00
1845 Gas Special 12 00x16 5 Flotation tires, 73" utility bucket, counter weights and swing draw bar
Cash Price \$11,725 00

GEHL FORAGE EQUIP. IN STOCK
FB 99 Blower
BU 920 Forage Boxes, 6' sides w/screen section, pintle aprons, 3rd btr and roof And Free Finance
FC 72C Flail Chopper

NEW STARLINE ROTA SPREADERS IN STOCK
Models 930, 950

NEW TILLAGE EQUIPMENT
Bush Hog
(1) 1432-127 Tandem Disk Harrow 20" blades 10'6" cutting width \$1,795 00

(1) 1436-073 Tandem Disk Harrow 22" blades 12'8" cutting width \$12,995 00
Glencoe SSP-7 Soil Saver \$4,195 00
Case 1800 3 pt Chisel Plow 10' & 12' cushion clamp 32" shank
McConnel 16 ft Wheel Harrow, manual fold \$995
MISC. NEW EQUIP.
Sidewinder 7' Trailer Rotary Mower
Sidewinder 5' 3 pt. hitch Rotary Mower
(1)(2) Bale King 21' Bale Bodies - \$1050

USED EQUIPMENT
TRACTORS
Case 800
Oliver 77 Gas
AC WD Gas
HAYBINES & MOWER CONDITIONERS
NH 460, 461
NH 469, 479
iHC 990 (1 yr old)

FORAGE HARVESTERS
NH 717 w/hay pickup or corn head
NH 5717 w/hay pickup or corn head
Gehl CB 600 w/hay pickup and corn head
NH 880 N2 corn head
FORAGE WAGONS
(1) NH #7
(1) JD 214

TILLAGE
Oliver 253 Disc 13'8" cut 12'2" Pittsburgh Disc
Kewanee 250 Field Cultivator, 16 ft 9 in manual fold wings
IHC 340 12' 3 pt spring tooth harrow

BALERS
NH 271 w/PTO thrower, rebuilt and repainted
NH 271 w/PTO thrower, rebuilt
NH 850 Round Baler
MANURE SPREADERS
NH 675 single beater
NH 518 sgl btr w/end gate & splash guard
NH 346 Tank Spreader
NI 215 triple beater
SKID STEER LOADER
Case 1740D

MISCELLANEOUS
NH 357 Grinder-mixer

Call Ken Myer
215-827-7414

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LARGEST SELECTION! LOWEST PRICE



★ FARM TOYS
★ TRUCKS
★ MODEL KITS
★ PEDAL TRACTORS AND TRAILERS

COMBINE CORN HEADS

(LARGEST SELECTION EAST OF MISSISSIPPI RIVER)

[6] Cleaner E240	[3] Int. 229
Gleaner A330	Int 228
Gleaner F430	[2] Int. 329
Gleaner C430	Int. 733
[3] Gleaner C440	[3] Int. 327 WN
[2] Gleaner C630	[4] Int. 429 WN
Gleaner FL330	[2] Int. 22
[3] Gleaner EIII 240	[4] Extra IH Grain Heads
Gleaner A240	[4] MF 222
Gleaner K Grain Head	MF 44
[2] Gleaner KL238	[2] MF 33
[2] JD 435 - 30"	[2] MF 20
JD 434 - 40"	[2] MF 22
[7] JD 234	[2] MF 321 for 300 & 410
[5] JD 210	[2] MF 421
[19] JD 444	[2] MF 422
JD 643	[2] Extra MF Grain Heads
[2] JD 10	NH 922 For 985
[2] JD 313	Case 404
JD 244	[2] Case 345 (2 row)
JD 443	[3] Oliver 522
JD 643	Oliver 512
[5] JD 205	[2] Oliver 531
[2] JD 343	Oliver 541
[4] JD 334	Oliver 544
JD 335	MM H210
Int. 430	4 x 40 For NH 985
[11] Int. 227	

WENGER'S INC.

South Race St., Myerstown, PA. 17067,
just off Route 501 and 422 in Myerstown.

PHONE: DAYS - 717-866-2135, NIGHTS - 717-866-7147,
or 717-273-9089.



John Deere design,
dependability,
and dealers
make the difference



USED EQUIPMENT

TRACTORS

JD 4630
JD 4430, QR, cab, AH
JD 3020 Dsl PS
JD 2510 Gas
IHC 1586 Cab, air, duals,
600 hrs
Ford 800 w/loader &
snowblade
IHC 606 diesel
IHC cub w/mower
Ferguson w/loader

CORN PLANTERS

JD 1240 4-row
JD 494 4-row
JD 1440 4-row no till
JD 1250 6-row
AC 4-row, no till

CORN PICKERS

Oliver 2 R W
NI 323 1 R

NEW MODEL SPREADERS

NI 244 318 bu
JD 660, 300 bu

NEW EQUIPMENT

JD 210 disc harrow
JD 1640 Disk Harrow
Speedy Corn Crib 1200
bu

SEE US FOR WAIVER OF FINANCE CHARGES
ON NEW/USED TRACTORS, COMBINES, PLANTERS,
HAY & FORAGE EQUIP., GRAIN DRILLS, TILLAGE
TOOLS

LANDIS BROS., INC.

1305 Manheim Pike
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717-291-1046

FARM EQUIPMENT

For Sale - NH model 283
Baler with hyd. density con-
trol. 609-769-3443, or
609-769-0336 after 7 p.m.

For Sale - JD 3300D combine,
13 ft. grain head, 2 row corn
head, straw chopper, ex-
cellent condition, asking
\$13,500. 609-397-0197.

FARM EQUIPMENT

Used equipment for sale -
AC 655 crawler loader, like
new condition, Roan tree
shearer, A-1 condition, JD
WD 50, Mighty Mac skid
loader. AUMILLER SALES
& SERVICE, Box 63, RD 1,
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717-667-2115.

FARM EQUIPMENT

For Sale - Custom Built dou-
ble chain, wooden conveyors
& tapered board feeders for
cattle and hog feeding
systems. M. Rissler, Stevens
RD 1, Pa. 215-267-2244.

FARM EQUIPMENT

For Sale - M Farmall, new
paint, PS & live hydraulics,
good shape, 16 ft. JD fold up
spring tooth harrow, 42 ft.
Kingwise Elevator with
motor and corn drag, Stump
Acres, 717-792-3216 York Co.

ZOOK'S FARM STORE

R.D. #2, HONEY BROOK

1 mile West of Honey Brook on Rt. 322 then North on Reservoir Rd.

NEW 8-10 & 12 ft. Spring tooth Harrows 8 ft.

\$397.00

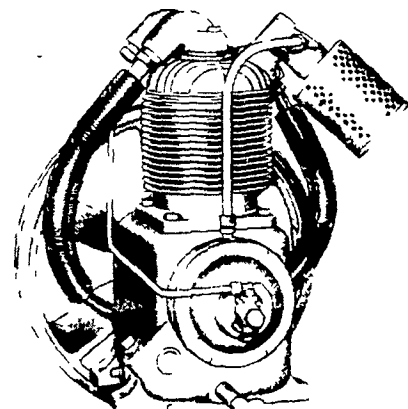
NEW Horse Drawn Disks 7½ ft. wide 18" Disks.

\$715.00

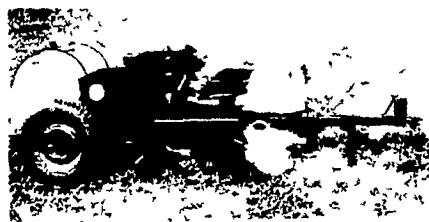
Vicon Disk Mowers
Manure Spreaders
Chisel Plows
Mc Rotary Scythe
3 Pt. Blades
Corn Planters
Hay Rakes

Complete Line Of
Air Compressors
And Accessories

5 H.P.
COMPRESSOR
\$450.00



NEW
TOBACCO
PLANTERS



ORDER NOW
\$499.00

REMEMBER... 1978 IS COMING TO A CLOSE!

**Why Not End The Year With A New
Case Tractor From Binkley & Hurst Bros.?
YOU'LL BE GLAD YOU DID!**

- ★ **WAIVER PROGRAM**
- ★ **FACTORY REBATES**
- ★ **YEAR END TAX
INVESTMENT CREDIT**

**NEW CASE 1816B
UNILoader**

With 44" Utility Bucket

**ONE
ONLY! \$3,900.00**

Case 53 HP 990 Diesel Tractor
w/Case Model 65 Quick Attach heavy duty
loader w/72" material bucket **\$10,900**

Case Model 885 Diesel Tractor
w/front end weights, 43 HP

Case 995 Diesel Tractor, 58 HP,
12 speed synchromesh w/power
adjust rear wheels and front end weight
carrier w/6 weights **\$10,289**

Case Model 1210 Hydra On-the-Shift
12 speed G5 HP Diesel w/18 4x30 power
adjust rear wheels and 15 5 GPM
hydraulic pump **\$11,908**

Demo Case 1410 80 HP Diesel Tractor
w/Hydra-On-the-Shift w/18 4x34
power adjust rear wheels, 11Lx15
flotation front tires **\$12,985**

**All 70 Series Tractors listed with
Waiver of Finance Charges Till
March 1, 1979 - At These Low Prices:**

Case 970 Diesel Tractor w/power shift,
100 HP class and 4-post rollover frame,
18.4x38 rear tires, power brakes,
ether start. **\$15,900**

Case 1070 Diesel Tractor w/power shift, cab,
air and heater, 11:00x16 front tires,
20.8x38 rear tires, power brakes,
deluxe cloth swivel seat, 540-1000 PTO,
ether start. **\$20,500**

Case 1370 Diesel Tractor w/power shift,
11:00x16 front tires, 18.4x38 rear tires,
10 front weights, ether start, deluxe
cloth swivel seat, 160 HP, cab, air,
heater, power brakes. **\$24,900**

Case 1370 w/power shift, cab, air, heater,
160 HP, 20.8x38 rear tires w/20.8x38
axle duals, deluxe cloth swivel seat,
10 front weights. **\$26,900**

Just received at old price
Case 2670 4-wheel drive tractor, cab,
air, heater, 256 HP, crab steering, P S,
3 point hitch w/quick coupler,
4 hydraulic remotes, PTO, w/20 8x34 dual
wheels. All this for only **\$44,000**

Used 1975 Model Case 1370 Diesel Tractor
w/450 hrs, cab, air, heater,
power shift, 20 8x38 rear tires,
With Waiver of Finance
till March 1, 1979 **\$20,900**

Used Case 1976 Model 1070, no cab,
power shift, 10 front weights, 20 8x38 rear
tires, 932 hrs., excellent **\$13,900**

Used Case 1175 Diesel Tractor, 121 HP,
no cab, 20 8x38 rear tires **\$13,900**



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Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30



**Nothing runs
like a Deere**

**THIS WEEK'S SPECIAL
NEW JOHN DEERE
750 GRINDER-MIXER
\$5,950.00**

USED FARM EQUIPMENT

Case 700 Diesel
Case 530 w/Loader
Farmall 400 Diesel
JD 38 Forage Harvester
NH 717 Harvester
JD 45 Combine w/Corn
& Grass Head
NI Pull Type Picker
Sheller, 2-rows
JD 24T Baler
JD 224 Baler
JD 336 Baler
NH 269 Baler
IH 46 Baler w/thrower
NH 1469 SP Haybine
Hesston 500 SP Mower
Conditioner
NI Cut/ditioner
JD 290 Corn Planter
Pittsburgh 11 ft Disc
JD KBA Disc
IH 2 pt. 3B Plow
JD 1600 Chisel Plow
16' Lever Harrow
JD 760 Spreader
NI 205 Spreader
15 HP 3 phase elec.
Motor

**FREE FINANCE ON
NEW & USED JOHN
DEERE TRACTORS,
JOHN DEERE & NEW
HOLLAND FORAGE
HARVESTERS, HAY
TOOLS, & COMBINES.**

NEW FARM EQUIPMENT

JD 4440 Tractor, SG &
PS
JD 850 Tractor
JD 1207 & 1209 Mower
Conditioners
JD 1600 Chisel Plow
NH 707, 770 & 890
Harvesters
JD 35 & 3800 Forage
Harvesters
NH 1-R Snapper Head
JD 336 Baler
NH 310 Baler
Tye No-Till Seeder
NH 357 Grinder Mixer
JD 750 Grinder Mixer
JD 18x7 Grain Drill
JD 1700 Mulch Tiller
Bobcat Skid Steer
Loaders
JD Manure Spreaders
40, 54, 660, 680, & 790
Flail
NH Manure Spreaders
519 & 791
Glencoe Soil Savers
Athens Disc Harrows
EZ Trail Wagons
EZ Flow Forage Boxes
Martin Manure
Spreader

CLUGSTON IMPLEMENT, Inc.

1 Block off I-81 Exit 8

Chambersburg, PA 17201 Phone 717-263-4103



bobcat

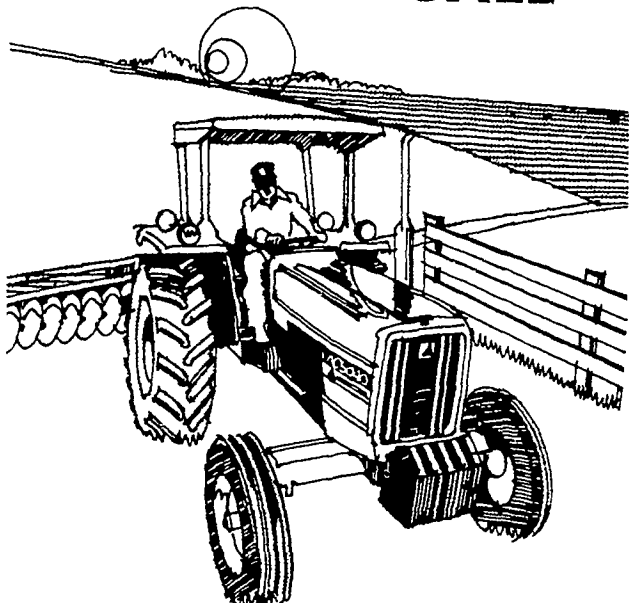
SPERRY NEW HOLLAND

COMBINE FOR SALE

JD 6600 diesel with 4 row harrow, corn head & 13 ft. grain head, engine recently overhauled, very good condition \$19,500.

717-548-2184

YEAR END SALE



CALL STEVE OR JACK, WE WILL NOT BE UNDER SOLD ON ANY DEAL!

- ★ Interest Free on New AC Tractors til 3/1/79
- ★ Interest Free on Used Tractors til 3/1/79
- ★ Interest Free on New & Used Combines til 9/1/79

NEW TRACTORS

AC 5040 40 H.P. \$5,999. w/Loader \$7400.
AC 185 74 H.P. \$12,899.

NEW COMBINES

1977 Gleaner M2KS Hydro 30% off List
1978 Gleaner F2KS Diesel \$AVE\$

NEW TILLAGE EQUIPMENT SAVE UP TO 30%

1, 2, & 3 bottom mounted Plows
4, 5, & 6 bottom Semi-Mounted Plows
8 and 12 Shank Chisel Plows
2 thru 8 row Planters
All Sizes Disc Harrows



TOWNE TRACTOR
Highway 33, Freehold, NJ
201-431-3838

For Sale - Gandy applicators and fertilizer spreaders. Gideon F. Stoltzfus, RD 2, Gap, PA 17527. 2 miles North of Gap along 897.

For Sale - L Gleaner combine, 15' grain head, 6-row head. Ph. 717-244-1124.

NEW & USED EQUIPMENT FOR SALE

Used Tractors
AC D-10, D-17, D-19, 160, 170, 175, 180, 185, 190XT, 200, 210, 220 w/4 whl. dr. 5040, 7030

Ford 8N, 600, 800, 6700, 7600
JD 2510, 2640, 2840, 4020, 4030, & 4230

IHC Cub, Super C, 200, H, M, 706, 856, 966, 1066, & 100 hydro White 2-105

Used Equipment

NH mover grinder mills 352 & 354

Ford 9' plowing disk

NI 323 1-row pickers

GT 370 grain dryer

McKee 5' 3 pt. hitch snow blower

NH 36 flail choppers

NH tank type spreaders, 150 & 250 bu.

Used industrial machinery

AC 653 & 652 crawler dozers

AC 715 tractor loader backhoe

JD 310 tractor loader backhoe

JD 450C dozer w/6 way blade

JD 440B & 440C skidders

AC 840 pay loader

Hough 30 pay loader

Int. 3200 skidster loader w/hydraulic snow blower

1964 White tandem diesel dump truck

Good selection of new AC tractor, NI & Hesston hay & forage equipment. No money down, interest deferred to mid 1979. NOW is the time to buy for year end tax investment credit.

MARSHALL MACHINERY

RD #4
Honesdale, Pa.
18431
Ph: 717-729-7117

FIELD QUEEN

Division of Hesston Corporation
FACTORY DIRECT SALES - PARTS SERVICE
North East U.S. Largest Retail Forage Harvester Outlet

ANNOUNCING
5% Discount On All New Units before Jan. 1, 1979
Field Queen Side Dump
Now Standard Equip.
258 H.P. Detroit
7650, 258 H.P. Detroit & 7600, 210 H.P. Cat Engine
Both above units available w/4-wheel drive for 1979.

SALE

FORAGE EQUIPMENT

1973 Max I w/V671 Det. engine, 1977 3 row narrow corn head, 7' hay head and knife grinder.

\$14,500.

JD 38 w/hay head and corn head.

\$4,400.

JD 38 w/corn head and hay head.

\$2,500.

1968 Fox Self-Propelled gas w/2-row corn head and hay head.

\$3,500.

JUST TRADED

1975 Field Queen Side Dump w/3208 Cat engine
1976 Field Queen Standard w/air cond. & knife grinder

USED EQUIPMENT
NI 705 Uni System Dsl. w/767 chopper, 3-R head, 2-R Head, hay head and knife rebevel grinder
Fox Max II w/V6 71 Detroit Engine
Fox Super D, Dsl. Engine, 2-row head and hay head.

FIELD QUEEN

1190 Enterprise Road
East Petersburg, PA
Lancaster Co. 17520
Call Frank Walters
717-392-7795
or Res. 717-733-3665

USED TRACTORS
IH B275, 32 H.P. Diesel Utility
IH 444, 38 H.P. Diesel Utility.

SOMERSET FARMERS SUPPLY

201 S. Pleasant Ave.
Somerset, Pa. 15501
Ph: 814-443-2841

Hesston Stak Hand 10 Also
Hesston 10W Stak Mover
Call for Special Price

New 27', 41', 53' NI Grain Augers
New Bush Hog 7' 3 pt. Cutter.

JUST TRADED
(1) USED 16' WOODEN BALE RACK WAGON on New Holland Running Gear, very good condition.
(1) USED LAMCO 18' STEEL BALE RACK WAGON on 10 Ton Running Gear, like new.

NEW GEHL 1200 HARVESTER
plus \$325 cash bonus, plus old price advantage

New 1 & 2 row Pull Type Pickers
New NI 206 Ground Drive Spreaders
New Smidley Hog Feeders
New Gehl 120 Mix-Alls
New Gehl Flail Choppers - Special Rebate Now in Effect

Demo
Hydra-Mac Model 8C 25 H.P. All Gear Drive SKID LOADER
Call For Price

USED EQUIPMENT
Gehl 1500 Round Baler, demo.
IH Bar Rake
Cardinal 45' 6" Auger
Little Giant 41' 6" Auger
NI 310 1-row pull type picker
JD 70 tractor w/NI 2-row mtd. picker w/12 roll husking bed
IH 710 5B auto reset plow
Brillion 13'4" Packer, like new
NH 351 Grinder-Mixer
Gehl 65, 95, & 115 Grinder Mixers
(2) 3 btr. Lamco unloading wagons, 1 with roof
Artsway Ensilmixer
JD 10' pull type Chisel Plow 1600 Series
NI #504 Loader
Athens 21' folding gang transport Disc

SPREADER INVENTORY REDUCTION
NI 214-216 200 bu. Flail Spreader w/hyd. end gate
NI 213-217 176 bu. single btr. spreaders
NH 331 3 btr. spreader
NH left hand 185 bu. tank spreader, 2 yrs. old
NH 516 200 bu. 3 btr. spreader, new sides

UMBERGER'S MILL

New Idea, Gehl, Hesston & Brillion Dealers.
RD4, Lebanon (Fontana)
Phone 717-867-5161 or 717-867-2613

SNOW PLOWS
LOADER MOUNTING
30" x 8' Angles right or left, spring trip. Order now for later delivery.
Limited Quantity Available.
HUGO WELDING & REPAIR SHOP
Bowers, PA 19511
Ph: 215-682-2781



USED TRACTORS

Farmall 300
Farmall 806
Farmall 340
Farmall MTA
JD 3010 Gas
MF 180
AC "CA" Tractor

TILLAGE EQUIP.

IH 401 Spring tooth harrows
IH Offset disk harrow
IH 770 Offset Disk Harrow
IH 700 5 fur automatic reset plow
IH 311 2 pt hitch plow
JD 5 fur plow semi mount
JD F125 3 fur plow
MM 4F 16" plow
Brillion 9 ft. dbl cultivator
ST 180 Howard Rotovator

PLANTERS AND GRAIN DRILLS

JD 13x7 Drill
Oliver 4 Row planter
IH 455 4 Row planter
JD 246 2 Row planter
MF 4 Row planter
IH 400 Cyclo 4 Row planter
JD 1250 4 Row planter
4 Row fast hitch cultivator

FORAGE HARVESTING

A C 780 Direct Throw w/2 row wide Corn Head Pickup
FOX 546 w/2 row wide Corn Head & Pickup
New Holland 717 w/2 row Corn Head
PAPEC 180, 1000 rpm w/2 row Corn Head & Pickup
JD 55 Combine
IH 403 Combine w/14' Grain Head
IH 650 Forage Harvester w/2 Heads
IH 815 Combine w/844 Corn Head
205 Combine w/227 Corn Head
IH 50 w/engine drive - choice of heads
IH 50 w/540 pto drive
IH 55T Baler
IH 234 Corn Harvester
New Idea 325 Picker w/sheller
JD 34 Harvester with 2 heads
(New) IH 715 Combine w/4 Row

OTHER MISC. USED EQUIP.

IH 275 Spreader
Starline Tank Spreader
Starline 830 Spreader
AC B10 Tractor and equip
Playcat ATV (excellent)
Haban Sickel Mower
Smoker 24' Elevator

WAIVER OF FINANCE
Now Available On New & Used Tractors, Combines & Manure Spreaders
• See Us For Details

SWOPE & BASHORE, INC.

RD 1, Myerstown, Pa
Located 1 Mile S. of Int 78 & 6 Miles N of Myerstown
Rt. 645 in Frystown
PHONE: 717-933-4138

M & R



EQUIPMENT, INC.
NEW PARK, PA. PH: 717-993-2511
— 4 mi. S. of Stewartstown, PA

Resident Ph: 301-452-8693

Mon. 7 AM to 8 PM; Tues. - Fri. 7 AM to 5 PM; Sat. 7 AM to 12 Noon

USED TRACTORS:

806F diesel, new TA, excellent
756 F diesel, WFE, 2001 loader
706 F diesel, 3 pt., reconditioned

706 F diesel, fast hitch, \$5500
656 hydro, 3 pt., nice
450 diesel

350 Farmall, gas
350 diesel utility, nice, \$1500
AC D-14 gas, w/plow, blade

ALL TRACTORS AVAILABLE W/WAIVER OF FINANCE!!

USED EQUIPMENT:

AC Hyd. reset plow, 4x16", \$1200
IH 550 5x16" plow, hillside hitch
IH 311 plow
IH 550 5x14" plow, \$800 as is
John Deere 10' mounted chisel
John Deere 1250 plow, nice \$1150
John Deere hay tedder

John Deere 34 F Harv., 1 row head, hay pickup
John Deere 6' offset disc
(2) IH 550 F harvesters, both heads
7 ton AC running gear w/hay body
8 ton Knowles gear
Lamco box, good for parts, \$75
Lely hay rake

MF 4-row planter, like new
IH 400 cyclo, liq fert., no till, monitor, nice
New Idea 325 picker sheller \$2500
New Idea 323 picker, nice
Dual wheels for 560, 656, very good
BF Goodrich tires

NEW MANURE BUCKETS FOR IH 2000 LOADERS, MADE OF 1/4" STEEL PLATE, MADE FOR FLAT TINES

IN STOCK

1086 with 20 8x38 radial tires

1460 Axial Flow Combine

WAIVER OF FINANCE NOW AVAILABLE ON HAY EQUIPMENT UNTIL 3-1-79.
ON FORAGE EQUIPMENT UNTIL 6-1-79.

FARM EQUIPMENT

FARM EQUIPMENT

A.L. HERR & BRO.

Quarryville, PA 17566
717-786-3521

—YEAR END SPECIALS—

- Case 885 43 H.P. 12 speed - \$7300.00 —
- Case 990 - 53 H.P. 12 speed - \$8900.00 —
- Dunham 10'6" cultipacker - \$645. —
- Dunham Corn Cribs 1400 bus. - \$825 —

—USED EQUIPMENT—

TRACTORS

Case 970 Cab
Case 1070 cab, air
Case 830
Case 200 loader
Case 430
IH 504
MF 175
MF 135 w/mower
MF 20 loader
JD 2010
JD AW/cult.
Ford 9N

UNI-SYSTEMS

NI 705 Tractor
NI 760 Harvester
NI 2 & 3 Row Head

MISC. EQUIP.

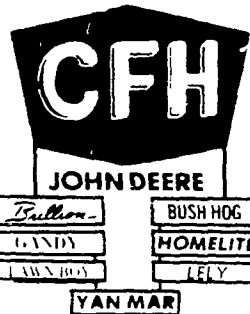
Brillion Cultmulcher
Glencoe Chisel 12'
Ford 3 pt. Flail
Gehl 1500 Round Baler
Gdn. Tct. Rotary Broom
Ground Drive Spreaders
JD #18 Corn Picker

NEW IDEA EQUIP.

Manure Spreaders
mod. 202, 212, 213, 224
290 Windrower
42' Elevator
325/327 Pickers
325/314 Picker-Shellers
319 Mounted Picker
504 Manure Loader

FORAGE EQUIP.

Gehl CB600 Harvester
AC 782 Harvester
Assorted Heads
Badger Blower
Fox-Table Blower
NH 26 Blower
JD 216 Forage Box
AC Forage Box, w/roof



Waiver of Finance Charges on all New John Deere tractors, combines, seasonal equipment. Also all used tractors, combines, and seasonal equipment

YEAR END CLEARANCE John Deere Agricultural Equipment

CHISEL PLOWS:

	List Price	Special Price
John Deere 1610 10' 3 pt EOO100	\$1510	\$1295
John Deere 1614 14' 3 pt w/gauge wheels EOO400	\$2593	\$2195
John Deere 1624 24' Pull Type EOO700	\$6719	\$5495

DISC HARROWS:

John Deere 100 9'5" 3 pt DDO200	\$1663	\$1195
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FARM WAGONS:

John Deere 965 5 ton less tr. Rigid pole G80200	\$490	\$425
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MISCELLANEOUS:

John Deere 3000 watt alternator HOO200	\$725	\$595
John Deere 201 Implement 9x32 H30300	\$3471	\$2995
John Deere TH 448H 16' Spring Tooth H70300 & H70400	\$1361	\$1095

New Brillion Equipment

CPPR 2-7 7 Chisel Plow MOO400	\$887	\$695
CPP9 9' Chisel Plow MOO500	\$1838	\$1395
CPP11 11' Chisel Plow MOO800	\$2209	\$1695
FCP 1266 12' 3 pt Field Cultivator Demo	\$1595	\$1295
HDCH 164 13'8" Pulvimulcher M40400	\$4439	\$3195
WM 2601 21 8" Pulvimulcher Solid Wheel #M4 0100 Demo	\$8100	\$5995
SCP 111 11 Shank Sub Soiler M60300	\$2929	\$2295

New Lely Equipment

Pikant 3 pt Fertilizer Distributor 600 lb capacity RO 0200	\$405	\$325
400 gal Tractor Sprayer R80200	\$2157	\$1895

New Bush Hog Equipment

1315 RW 15 Bat Wing Rotary Mower N2 0200	\$5875	\$4750
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For Sale - 300 gal. Esco bulk tank, new 3 horse diesel \$325, 717-354-0484.

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Honey Brook, PA

Combines. Used J.D. 6600 Side Hill w/643 cornhead - 500 hrs. use, used Late Model Gleaner K w/cab, 12 ft. grain, K238 C.H. Gleaner K w/cab, 10 ft. grain, K240 corn head, M.F. 760 Combine w/6-row corn & 15 ft. grain. Int. 815 combine w/fire damage to engine, 744 cornhead & 13 ft. grain. New Idea 702 Diesel w/cab, 729A sheller & 4 row corn head. Gleaner K330 corn head. New J.D. 4640 w/air, quad range, New J.D. 4040 roll guard & Q.R. M.F. 1135 w/cab used 400 hrs., Farmall 1466 cab, air, duals. 1456 w/cab real nice (SOLD), Cub 185 LoBoy, Case 830 C.K. diesel. Case 830 C.K. gas. (New) J.D. 4440 w/roll guard, quad range. J.D. 4630 w/cab, power shift. J.D. 4320 w/cab & air. 2 J.D. 4020D w/power shift. J.D. 4630 cab air power shift w/dual wheels. JD 4020 D w/dual whls. 1970 J.D. 3020 D, J.D. 2510 gas, J.D. 4320 w/rollguard, J.D. 4320 w/fenders, J.D. 2630 w/rollguard. (New) J.D. 4240 cab, power shift, Farmall 656 D. Cub Lowboy w/mower & blade. Farmall 826 w/1/2 cab no TA., nice. Leyland 384D as is for \$2800. Farmall 656 Hyd. gas, 756 gas. (New & Used Coming in:) New Int. 1440 axial-flow combine fully eq. w/2 heads. Used MF 750 combine w/grain & 6 row cult. real sharp: (Tractors) (New) J.D. 4240 cab air Q.R. 4240 Cab air P.S. 2 Used 4430 w/Q.R. Used Case 2670 four wheel drive w/3 pt. P.T.O. & dual whls. like new 1100 hrs. Ford 8000 w/cab & air & dual power - nice. Farmall 1066 used 900 hrs., 856, 1256 original - nice, 544 utility gas, 806 tri. diesel - original. AC 7030 w/cab & air, JD 4010D W.F.

(New) Eq. at Discount Prices. Following are all (new) & reduced to sell: MF 1105 w/cab & multipower list 23,200, my price 18,200 - only 2 left. Case 2670 - Four wheel drive fully eq. w/dual wheels, 3 pt., Int. 445 baler \$3975. Gehl 1290 haybines \$4195. Gehl 95 grinder mixer \$3800 (SOLD). New Idea rake \$1195 (SOLD). M.F. 33 grain drill \$1775. J.D. 8350 grain drill \$3375. J.D. 244 corn head \$2575. New Hesston 1010 Hydra Swing Haybine \$4850; (New Demo) Gehl 1500 round baler \$4475.00; New M.F. 44 Cornhead \$6400.00; New Int. #710 Six X18 trip-plow \$2850.00; New White 4 row 3 pt. corn planter \$2950.00; New Brady 10 ft chisel plow w/gauge whls & twisted shovels \$1450.00; New White 2-105 for \$16,200 Farmall 140, New Holland 256 rake, (All above are new machines) Used NI 1 row picker, NI 323 for \$1900 NI 323 for \$1675 NI #10 for \$875. NI #7 for \$500 Used tractors

Farmall 886 w/rollguard w/100 hrs. use, 666 diesel w/800 hrs. use, 656D W.F. nice, Int. 544 Hyd. utility gas, 856 w/front wheel drive, 1206 w/front wheel drive, Super A w/full line Eq. Cub 185 LoBoy w/large tires, Farmall 756 gas, 4 656 hyd. gas. Farmall 756 Hi clear tractor, Int. 454 utility used 500 hrs. Just traded J.D. 4020D. w/turbo & 18x38 tires. Farmall 1066 w/rollguard & duals. M.F. 175 gas. Ford 7000D (SOLD). J.D. 4430 w/rollguard & power shift, J.D. 3020D power shift, Farmall 656 hyd. gas, W.F. as is \$2500. 2 Used J.D. FBB 17 double disks grain drills, 5 Woods rotary cutters. J.D. 8630 w/18x38 duals & J.D. #330 (30 ft. hyd. flood disk). J.D. 7700D. w/cab grain & corn head. Gleaner F 2 diesel w/cab & air, grain, & corn head like new. N.I. 2 row 30" picker w/grinder. 1976 Chevy w/3200 mules w/14 ft. flat like new. JD 300 Picker w/12 roll bed & 244 corn head. Grove Forage Wagon real nice.) N.I. 30" 2-row picker real nice. Int. 574 D w/1850 loader. Oliver 1850 D. W.F. Priced to sell at \$4900. 1970 J.D. 4020 /diff. lock & dual hyd. J.D. 3010 gas, Farmall 1566 w/roll guard & duals, 656 Hydro. D, Int. 4166 four whl. drive w/cab & 3 point, (New) J.D. 444 corn heads, (New) J.D. 443 corn head. Farmall 1086 cab, air, fully eq., used 83 hrs., new cond., A.C. 180 w/cab, N.I. 279 Cut-ditioner, used 50 acres, Oliver 1650 w/over & under shift. (New) 325 N.I. 2 row N. w/super sheller, Case 660 combine w/cab & 10 ft. grain. White 6 row 30" No til, liquid, Inst. monitor, fully eq. Farmall (burned) 766. JD 3020 tri. diesel. Long 900 diesel like new, David Brown 1200D. Nice Farmall M, New Gleaner 638 corn head for M or L, list price \$10,600, our price \$7500. (New) J.D. 7000 six row planter, Farmall MTA, M.F. 9 ft. haybine, N.H. 469 Haybine. J.D. 4020D for \$7200. J.D. BWA 16' Wing Disk, J.D. 14 ft. Plowing Disk. Int. 315-13' roller Harrow, Case 16 ft. wing disk.

HARVESTORS. New Holland 770 w/2 row narrow, New Holland 770 w/2 row wide & pick up. N.H. S717 w/2 row head, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row Int. 350 w/1-row & pickup Kools recutter blower, Int. 56 blower. JOHN DEERE (New) 4440, power shift. (New) 4440 cab, air, Quad range. (New) 4430 cab air (New) 4640 power shift fully equipped (New) 4230 Quad Range w/rollguard, 730D, 720D. (Used) 4230's, 4620 w/cab, (2) 1967 & 1968 4020's, 3020, 2510, 5020 tractor puller J.D. 630.

LUCKNOW SNOWBLOWERS

Model	Width	HP	Cost
S 6	78	30 Min	\$ 975
S 7	84	35	1100
D 7	84	40-50	1350
D 75	94	75 150	1750
D 85	102	75 150	1950

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CORN PLANTERS - 2 new J.D. 4 row 7000 plateless planters w/inst., J.D. 6 row 7000 w/inst. (Used) Int. 4 row 400 Cyclo (nice), Int. 56 4 row w/inst.

PLOWS - New White 508 - 5-18 automatic reset. J.D. and Int. 4,5,6,7 trip and resets. Oliver 5,6,7 trip and Hydraulic reset, chisel plows 3 point 10-13 ft.

TRACTORS & EQUIPMENT - Farmalls - 1466 cab & air, 2-766's, 706D, 560D, Ford 8600 w/dual power, (New) Glencoe SS7-9 ft. Soil Saver \$4150.00, (New) Glencoe SS9-11 ft. Soil Saver \$4500.00, White 24 ft. hyd. fold wing disk, (Used) J.D. 16 ft. plowing disk. Oliver 1950T w/over & under shift, MF 300 Combine w/cab, grain & 2 row corn head. (New) Int. #350 - 11 1/2 ft. Disk, (New) Pittsburg 11 ft. Disk, Brady 9 ft. Pull Chisel Plow. Int. 7- 8X auto. reset on land hitch, White 18 ft. wing disk, Kawanee 22 ft. wing disk. Planters - (Used) J.D. 1440 4 row no til plateless, 494A. White 6 row no-til, liquid, air, Inst., monitor, fully eq. Loaders - J.D. 158, (2) 1972 J.D. 4020, 1970 4020, Case 930. Farmall M w/power steering, Farmall M w/12 volt system. Int. 6X auto. reset plows.

Combines - Gleaner F w/2 heads. Cabs for J.D. & Int. tractors. Farmall 1066 w/20:8x38 tires, J.D. 4010D needs motor work (SOLD), (Used) J.D. 4430 cab air Quad Range, Trucks - 1974 Ford Pickup real nice, 1971 Ford 3/4 ton, 1971 Int. Roll back, 1967 Int. diesel Roll back \$4,000. 1977 Delta 44 ft. Combine trailer, Farmall 826, Blade for Int. TD6 crawler. (New) 11 1/2 ft. J.D. 1630 plowing disc, \$4500.00. (New) 10 ft. Hutch Master plowing disks. J.D. 105 diesel combine w/grain & 4 row head \$7,000. J.D. 243 Snapper corn head. M.F. 1100 diesel. 1970 J.D. 4020 w/cab, Int. 234 picker w/bed & sheller attach. Int. 82 pull type, (2) N.I. 3 row pickers w/shellers, Brillion 15 ft. field Cultivator.

OLIVER 1850 w/over & under shift and duals, Disk harrows - Brillion 13 ft. & 15 ft. cultmulchers, (New) Kill Bros. gravity bins. New Holland 717 pick up heads, pick up heads for Int. 55, 550, 555, 650, also Int. 16, 350, J.D. 38, 34 pick ups. (New) Kill Bros. 8 ton running gears. Fox pickup head, Fox 3-row 30" corn head, Direct cut head JD 3800 & 38.

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IH 715 D hydro w/13' flexible plat & 844 corn head, \$37,400
Waiver of Finance until Sept. 1, 1979.

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IH F-1066D w/new TA	13,500
IH F-966 D, 2000 hrs	12,800
IH Super C w/2 pt	1,150
IH F-706 Diesel w/3 pt	7,500
IH F-350 G	2,500
IH F-966 D...	12,500
IH F-350 D w/2 pt overhauled	2,900
MF 1080D	Coming In
Farmall A w/cult	Coming In
AC D15 w/loader	Coming In
Farmall 504 Gas	Coming In

USED COMBINES

JD 40 Combine SP 8 ft (fair).	2,000
NI 731 4-row wide head	4,800
NI 760 Forage Harv w/3-row narrow row head.	3,400

MISCELLANEOUS EQUIPMENT

Gehl 50 grinder mixer	As is 750
IH 227 corn head, 2-row	650
Used IH #7 flail chopper	1,250
IH 125 spreader	250
Hawk Bilt model 205	1,150
Starline spreader, left hand	850
IH 155 Spreader	Coming In

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SPECIAL 1971 Massey Ferguson 165 w/multipower, \$4500 or Less

NI 324 picker, 12 roll
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McCormick 82 combine
David Brown 1200
Farmall 656
Farmall 560
JD 3020
MF 82 Combine
JD 720 diesel
Deutz 6006

Farmall A w/cultivator
JD 420
JD 430
MF 165
1973 Int. 664 diesel, fully equipped
JD 4020 side console
Farmall 130 high clear w/cultivator
MF 135
Case 830 Comfort King

ELMER GOCKLEY

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USED TRACTORS

70 - JD 4520 P.S. w/cab, 1400 hrs.	\$15,000
72 - JD 4000 P.S. w/enclosure.	\$11,800
68 - JD 4020 P.S. w/rollgard	\$10,900
78 - JD 2540 HiLo - New Cond.	\$13,500
76 - White 2-150 w/cab, 300 hrs	\$19,800
76 - IHC 1066 Turbo w/cab, 800 hrs.	\$18,500
72 - IHC 1466 Gear Drive	\$14,900
76 - IHC Hydro 86 w/roll gard	\$13,900
AC 190 XT Wide Front End	\$7,400
75 - JD 830 Diesel	\$5,985
77 - JD 2040 Diesel	\$7,785
3 - JD 3020 Diesels R.C. & Wide Front Ends.	

CORN EQUIP.

/6 - Gleaner FKS Combine w/4 Row corn & Grain
74 - New Idea Super Sheller 2 Row
78 - New Idea 1 Row 323 Picker, NEW



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DEALS**

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Farmall B
AC 7050, 312 hrs, ex cond
AC 7000 w/cab, 595 hrs
AC 210 Diesel w/cab
(2) AC D17 Gas, good cond
AC WD 45
AC C w/attachments
MF 245 Dsl 312 hrs
MF 50 Gas
JD 4430 Dsl w/loader

MISC EQUIPMENT

(2) MF 12 Baler
NH 78 Baler
NH 320 Baler w/thrower
NH 850 Round Baler
Hesston Round Baler, ex
Gehl 1500 Round Baler
Bush Hog Bale Loader
Model 700
JD 830 self-prop Win-drower

Lely Cube 8 Bale accumulator, groups 8 bales & loading attach
(2) AC No-Till 4 row Planter
AC CII Gleaner 13' grain head, PU rec, 4 30' corn hd, \$6,500
Gleaner G w/cab, good condition 13' grain, narrow or wide corn head
MF 510D Combine 4-R wide corn head & 16' grain head

1976 MF 260 Forage Harvester w/2-RN, WPU, 2 RN ground ear corn

Fox 546 Forage Harvester NH 850 W pick(SOLD)ke new

NH 880 N 3 head, like new Woods C80 Mower, used

(1)(2) NH 479 Haybines Hesston 500 Haybine, SP

(4)(3) Used Blowers NH 27 Blower excellent

(2) Skid Steer Loaders Case 1740, Bobcat (SOLD)00, MF 711

Brady 4 row Stalk Shredder (10) Used Garden Tractors, all makes & H P

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(2) NI Cut/ditchers 272, 279

(2)(3) JD 16A Flail Choppers

(10) All Sizes Used Spreaders

NI 217 Spreader 10' Brillion Sure-Stand Grass Seeder, 296 acres

(2) Badger 18' Silo Unloaders

Hesston PT10 1 yr old, ex cond

IHC Chisel Plow 9', ex cond

NH T330 Trencher Woods 120 Mower

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(2)(3) NH Choppers NH Spreaders box & tank

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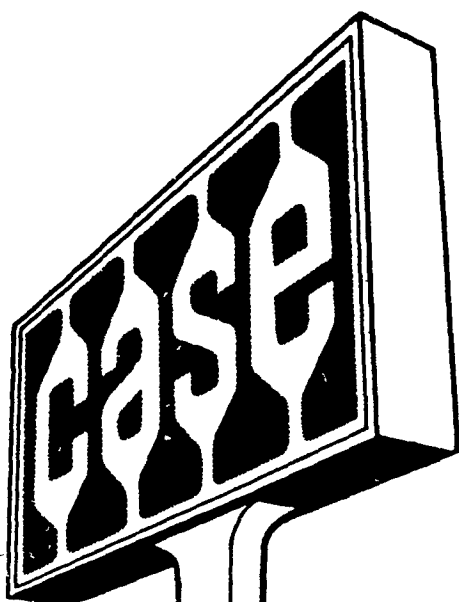
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14, 230, 234 & 238 Wagons
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28 Blower
Balers & Rakes

N.H. USED EQUIPMENT

516 T Spreader
S68 Baler w/thrower
461 Haybine
890 Fg. Harv. w/2R Head
33 Flail Chopper
Flail Att. for Baler
717 Forage Harvester w/2 row heads
IHC 550 Fg. Harvester w/2-row head

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Leyland 344 Tractor w/loader

7' Graham Plow
IHC Baler w/thrower
IHC 130 bu. Spreader
NI 218 Spreader
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AC HD5	\$3500
(2) AC HD6G	ea. \$7500
AC HD5 w/winch	\$4500
AC HD 7G w/ripper A-1 cond	\$9500
IH TD6	\$6500
IH TD340 Diesel, 4-1 bucket	\$6500
IH 175	\$10,500
(2) JD 2010	ea. \$6000
JD 350 Dsl.	\$8500
JD 350B w/backhoe	\$14,500
JD 440	\$3850
(2) JD 450	ea. \$12,500
Case 450 Diesel	\$8000
Cat 6 Loader	\$5500
Cat 6 Loader	\$3500

CRAWLER DOZERS

Cat D6 8U model angle blade	\$5500
Cat D6 9U	\$8500
Cat D8 cable 2U Series	\$7500
Cat D8 Hyd. 2U Series	\$8500
Case 750 Hyd. Tilt	\$6500

BACKHOE LOADERS

IH 3800 4 wheel drive	\$8500
(2) Case 580CK w/cab	ea. \$8500
Case 310 Gas	\$3750
3414 Diesel	\$6500
(2) JD 2010 w/cab - sharp	ea. \$6500

TRUCKS

1966 Ford 10 wheeler	\$5500
1967 ½ Ton Chevy Pickup	\$750
1969 Ford 10 Wheeler, gas,	
alum. dump	\$6500
1971 GMC Cattle Truck	\$3000
1972 Cadillac Eldorado	
Conv., Classic	\$6000

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Huff HM, Gas w/cab, Sharp!	\$5500
Mich. 175 Cummings Dsl. engine	\$8500
Mich. 175 Series 2, 4 Yard Bucket	\$13,500
Mich. 125 Cummings Dsl. w/cab	\$8000
Mich. 125 Series 3 RT	\$18,500

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GRADERS

Gallion 118 full hydraulic	\$6500
Huber Maintainer	\$2250
Huber Wargo Diesel w/Cab	\$6500
Cat 212 w/cab	\$8500

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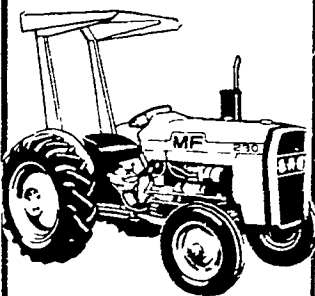
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Tractor
JD 2010 Gas Tractor
w/#35 loader
MF 1105 & 1135 Tractors
w/cabs
MF 1085 Tractor w/cab &
air
MF 204 Tractor w/loader,
cab, fork & bucket
Ford 3400 Tractor w/730
loader, cab & bucket
IHC 424 Tractor w/loader
& Pilot fork
AC D17 Tractor
NI 213 Spreader
NI 207 Spreader
NH 510 Spreader
NH S676 Spreader w/hyd
end gate, fine manure
pan & splash guard
MF 760 Combine w/15'
table, 4 & 6 row corn
heads

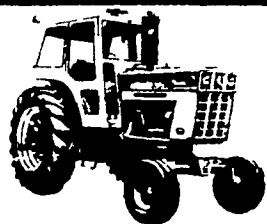


NEW M.F. EQUIPMENT

MF 750 diesel Combine
w/14' table
MF 620 Disc Harrow 19 ft
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speed
MF 58 Rotary Cutter
MF 1085 Tractor w/cab &
M P
MF 110 Spreader
MF 130 Spreader
MF 160 Spreader
MF 227 Scraper Blade
MF 226 Scraper Blade

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Farmall 826 Hydrostatic Diesel
Farmall H Tractor
IH 1456 Tractor w/cab
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Case 1175 Tractor
Case 770 Diesel, Power Shift
1976 MF 1155 Tractor, 500 hrs., cab, air & duals
AC 185 Diesel with year round Cab
IHC 1066
David Brown 1212 Diesel
MF 300 quick tach combine w/corn head and grain platform, real nice
IH 615 Combine w/2 heads
Cleaner K Combine
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Farmall 460 Diesel
Cummings 335 engine for parts
Cylinder Heads for 318 Detroit

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WHITE 8600 COMBINE
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Oliver 1755 Diesel
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Farmall 560 Gas
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JD "A"
JD 530

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IHC 37 Baler w/PTO Thrower
JD 24T Baler w/Ejector
NH 402 Crimper
NH 401 Crimper
NH 479 Haybine

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Oliver 365 CT 3-16 Mtd Plow
Oliver 312 3 pt 2-Row Planter
AVCO Insecticide Boxes for 4 or 6 Row Int
Planter
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IHC 58 6-Row

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NH 27 Blower
IHC 350 Harvester w/1-Row & Pickup
IHC 555 w/1 Row & Pickup
JD 12 Harvester w/2-Row & Pickup
IHC 550 w/2-Row & Pickup
IHC 650 w/2-Row & Pickup
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NH 365 Tank Spreader
NH 327S
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2 50 Tractor
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2-70 Tractor
2-85 Tractor
2-105 Tractor
2-135 Tractor

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543 6R Planter No Plow
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508 SAR 4-B Plow
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- Case 1030
- Case 830 Tractor

LOADERS

- Case 1737 Skid Loader
- Case 1740 UniLoader
- Case 1537 UniLoader

TILLAGE

- JD Disc Harrow
- MF 3-Bot 2-Way Plow
- Case Disc Harrow
- Case 4-Bot Semi Mtd Plow
- Case 4-Bot 18" Plow
- MF 5-Bot Plow, Semi
- Used Cultipacker

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- Gehl Self Unloading Wagon
- IH 2PR 2-Row Picker
- Fox 2-Row Harvester
- Ford 602 2-Row Mtd Picker
- NI Unisystem - 705 Tractor
- NI Unisystem - 702 Tractor, 710 Combine & 760 Harvester
- Oliver 430 Combine
- IH 55 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- Hesston 2000-100 Harvester
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For Sale - Springing Holsteins. 302-378-3454.

For Sale - 3 choice polled Hereford feeder steers, grade 15. Adams Co. 717-334-1903.

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For Sale - Herd of Holstein cows certified & accredited, artificial breeding since 1950, Southeastern, Pa. Ph: 301-578-1224 evenings after 8.

For Sale - Reg. Red & White Holstein Breeding age bull, Dam VG 86 pts., over 24,000M. Her sire Performer, next dam 29,000M, Her sire Ivanhoe Star. Sire of Bull - Metcalf Telstar Citation-Red. 717-792-2886.

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4 Bottom Roll Over
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IH 350 D
IH 350 Gas
IH 450 Gas
IH 504 Gas w/Loader
IH 560 Gas Standard
Oliver 1650 Diesel
Oliver 66
8N Ford
Farmall Cub
Farmall H
(2) Farmall M 1 with Loader
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NH 611 Chopper with 1 row head & direct cut
NH 275 w/Thrower

NH 266 Stalk Shredder Attach
(2) IH 550 Chopper w/2 row narrow head & pick up head
NH 1-Row Snapper Head for 770 Harvester
IH No 8 Flail Chopper
Brady 2-Row Shredder
IH No 50 Shredder, 4 Row

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Oliver 6-Bot, Auto, Spring Reset 16"
IH 35 9' Disc Harrow
IH 37 12' Disc Harrow
IH 370 12' Disc Harrow
(2) IH 560 6-Bot Plow
IH 12' Pull Type Harrow
9' Glenco Trailing Chisel
Oliver 2-Bot Trailing Plow
Oliver 4-Bot 16" Trailing Plow
IH 710 5-Bottom, 16" Auto Reset
JD 12' AW Disc Harrow
JD 10' Packer Mulcher, old style
JD 12' 3 pt Hitch Chisel Plow
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Case 4 row Cultivator, 3 pt hitch
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For Sale - 7/8 Simmental bull, 7 mo. old, dark red, with white head and socks. 215-367-6160.

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Mark Nestleroth
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For Sale - 2 Grade Holstein heifers, springing. 717-464-3752.

For Sale - 2 Holstein heifers due end of Dec. 717-456-5371 after 6 p.m.

For Sale - Reg. Morgan, Flashy going 15.1, good broke gelding to ride and drive, 7 yrs. old, best offer. 717-469-2300 after 5 p.m.

For Sale - Herd of young Holstein cows, mostly first & second calf heifers, herd average close to 15,000M on DHIA, owner retiring. 301-578-9868.

For Sale - 4 Holstein heifers bred about 3 mo. \$2200 for all, 9 Holstein heifers born March, April, May 1978. \$2800. 717-865-3488.

Several large Yorkshire and Hampshire bred gilts, 40 large open gilts, 25 smaller open gilts, few service age boars. John Strawbridge, RD 1, Stewartstown, PA 301-996-2022.

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New Hog Slats - 24"x96", 7" top, 24" x 120", 7" top, approx. \$2.30 per square foot. 717-733-8193.

For Sale - Farrowing crates, custom built to your specialized need, buy direct from manufacturer. For more information write County Line Welding, R.D. 1, Newburg, Pa. 17240.

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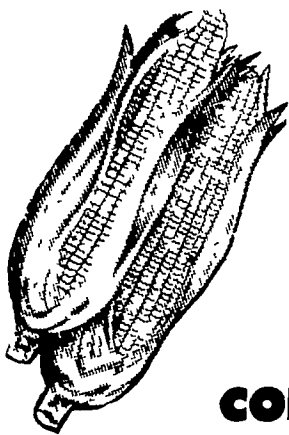
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Cage Test — 500 Days of Age

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Eggs/Hen Housed	254.3	245.3	230.3	234.1
Egg Value/H.H.	\$11.87	\$11.74	\$10.93	\$11.02
Lbs. of Feed/24 oz. doz.	3.86	3.77	4.13	4.04
Meat Value/Hen Sold	.345	.362	.391	.353
Income over feed and chick cost	4.99	4.90	4.09	4.24

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animal health-farm hard-
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Lititz, PA 17543

Wanted - Person with ex-
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Send complete information
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Herdsman position im-
mediate opening, fitting and
showing experience, general
cow/calf management, A-I
knowledge desirable but not
required, Farm located in
the Northeast, salary
negotiable, other benefits.
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Pickup, 4 Cyl, Auto,
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'73 Chevy Short Bed
Pickup, 6 Cyl, St
Shift, 36,000 Miles
\$3095

'72 Ford 1/2 Ton Pickup,
V8, St Shift, AM-FM
Stereo, 47,000 Miles,
Like New - \$3195

'67 El Camino, V8, Auto,
PS, Like New \$2495

1979 DODGE SPORTSMAN 5 PASS. WINDOW VAN

V8, Auto., PS, PB, Radio
39,000 Miles, Sharp! **\$3995**

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4 WHEEL DRIVES TO CHOOSE FROM!

MIKE RHODES & CO.

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TRUCKS

J.R. Opp Co. Custom Truck bodies. R1, Muncy, PA Ph: 717-546-3397.

For Sale - 1973 Int. 1910 series, 549 engine, needs work, twin screw with 19 ft. flat metal body \$5200, 1955 Ford truck with 12 ft. stake dump \$1150, 215-867-0064.

TRUCKS

For Sale - Mack single axle tractor with 22 ft. crane \$3500. 35 ft. trailmobile flat trailer \$2250, will sell together \$5500. 215-683-8653.

For Sale - 2 axle lime trailer, wagon type, 4 cylinder Wisconsin power unit, hydraulic auger lift, \$3500. 717-569-3296 between 7:30 A.M. & 4:30 P.M.

JUST ARRIVED

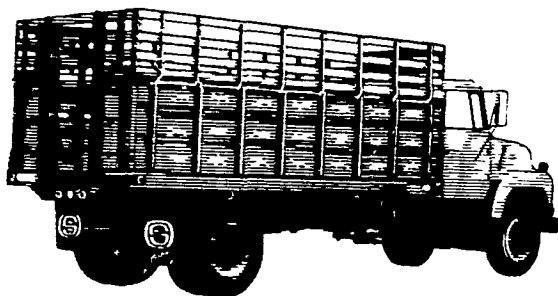
1977 Silverado Chevy pickup, 4 wheel drive, 19,000 miles.
1977 4 wheel drive club cab, 25,000 miles.
1976 w/200 4 wheel drive pickup, 28,000 miles
New 1978 1/2 ton pickup, diesel.

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(Uncle) (Fat) (Slim)
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1979 GMC 7000, V8, Gas, 5 & 2, 26,000 license, 900.20 tires with new 16" heavy duty grain body, 40" sides with 12" extensions and 15 ton hoist. Color - Blue & White.
\$16,500.00

1979 Ford F800 V8, Gas, 5 & 2, 27,500 license, 1000.20 tires, with new Omaha Standard 16" heavy duty grain body, 52" vented sides and 28" fold down cattle racks and 15 ton hoist. Color Red & White.
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1970 GMC 5500, V8, 4 speed, 17,000 license - 825.20 tires, with new Omaha Standard 12" grain body, 40" sides and 8 ton hoist. Color - Red.
\$5,500.00

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We still have a good selection of new hoists and grain bodies for your truck chassis.

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RD4, EPHRATA, PA. 717-354-4271
Hours: Mon. thru Fri. - 7:30 till 5:30
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Queensland Blue Heeler pups (Australian Cattle Dogs) from working stock. Shots, wormed and registered. 4 months old. 609-769-0542, Jay Shute, RD#1 Box 552, Woodstown, N J 08098.

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PETS

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Bring Your Pups To Jo Jo At Roots Farm Market.



CASH FOR PUPS

I need Purebred and cute mixed litter lots, 6 to 8 weeks old Clean and healthy Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1, Manheim, PA Every Tuesday 6 p m to 9 p m No Phone Calls

PETS

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Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA. 19140 or call before 7 p.m. Mon., Tues., & Thurs. only 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

PETS

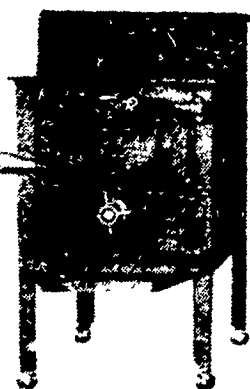
For Sale - AKC Collies, sable & white, whelped Nov. 8, shots & wormed. Also Collie stud service. 717-249-4983.

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For Sale - Reg. English Setter pups, field dogs, stud book, hunting stock. York Co. 717-382-4580.

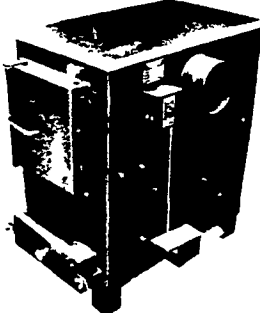
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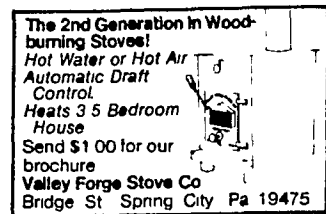
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For Sale - Gatling wood burning stove, slightly used. 17-656-8728.



MISCELLANEOUS

For Sale - Modine heater, model PA105A, 84,000 btu., burns LP or natural gas, new, never used. \$300, 15,000 bu. wire corn crib \$375. Several service age Holstein bulls, sired by Jet Stream. Ph: 304-263-9801.

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For Sale - In time to hang up your Christmas stockings - one brick artificial fireplace with electric log heater, original cost \$500, will sell for \$200. One stereo record player \$100. Contact Cecil Dairy Service RD 1 Rt. 274, Rising Sun, MD. Ph: 301-658-6923.

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Dry brush polisher for greenhouse tomatoes, cleans them and makes them shine. 717-532-7305.

For Sale - Approximately 630 auditorium seats, good condition; 2 each, National - U.S. Radiator Natural Gas Boilers, Output 3,800,000 BTU/Hr.; IBM 403 Accounting Machine and Boards; MM Model 335 Tractor with loader and snowplow. Contact Cleveland R. Forrester, Business Manager, Shippensburg Area School District, 317 North Morris Street, Shippensburg, PA 17257 or Telephone: (717) 532-2126.

For Sale - Horse related items such as buggies, wagons sleighs, harnesses, and farm implements, Ph: after 7 p.m. 301-398-5696 Elkton, MD. Cecil Co.

Sawdust Shavings, bag or bulk. Will deliver 717-529-2855.

Use Sawdust for Winter bedding. Contact: Klepchuck Bros. Sawmill, R4 Box 4269, Pottsville, PA 17901 Ph: 717-385-4597.

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Hauled Direct From Mines.
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MISCELLANEOUS

For Sale - Wood burning cook stoves. Choose many colors. Also, FISHER HEATING STOVES. Earl Cole, RD 2 Oxford, Pa. 19363. 717-529-2740.

For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators. Also reconditioned Maytag engine washers.

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RD 1, Leola, Pa.
Ph: 717-656-7169

Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs. ESCH FLOOR COVERINGS 1/4 mile N. of Bird-in-Hand on Beechdale Road

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Stock No. 0029
BRAND NEW 1979 DODGE W-200 1/2 TON FOUR WHEEL DRIVE Sweptline pickup Medium blue metallic with blue interior trim 318 V8 automatic power steering & brakes quad headlamps mud & snow tires 8-400 lb GVW package 8 foot bed

\$6770

Stock No. 3503
BRAND NEW 1979 DODGE RAM-CHARGER WITH OFF-ROAD PACKAGE Dark teal sunfire metallic 318 engine 4 speed green vinyl buckets AM radio bright finished low mount mirrors FOUR WHEEL DRIVE outside mounted tire carrier heavy duty front & rear shocks power steering & brakes 10 15LT 4 ply raised white letter tires

\$8019

Stock No. 7504
BRAND NEW 1979 DODGE OMNI 4 door hatchback Vinyl bucket seats custom trim inside & out 4 speed manual transmission vinyl body side molding white sidewall radials AM radio

\$4301

Stock No. 0031
BRAND NEW 1979 DODGE W-150, FOUR WHEEL DRIVE PICKUP 115 wheelbase Sweptline Light green metallic with green interior 318 engine 3 speed manual transmission power steering power brakes 7'00 x 15 mud & snow tires

\$6201

Stock No. 1014
BRAND NEW 1979 DODGE ASPEN 2 door coupe Pewter gray metallic cloth & vinyl interior 6 automatic AM radio power steering white sidewall tires

\$4545

Stock No. 0004
BRAND NEW 1979 DODGE D-100 1/2 ton pickup 115 wheelbase Sweptline Light green metallic Economical 6 cylinder engine and 3 speed manual transmission power steering power disc brakes upper body side molding quad rectangular headlights and glass belted radial tires

\$4699

Stock No. 2048
BRAND NEW 1978 DODGE DIPLOMAT 2 door Coupe Eggshell white split back bench seat with center arm rest, V8 tinted glass air conditioning AM FM radio deluxe wipers light package under coated laundau vinyl roof white sidewall radial tires

\$5713

Stock No. 0170
BRAND NEW 1979 DODGE W-200 SNO-FITER 8' bed 360 automatic increased cooling capacity heavy duty alternator and battery snow plow package power steering & brakes quad headlamps mud & snow tires Light green metallic

Stock No. 7501
BRAND NEW 1979 DODGE OMNI 4 door hatchback Chianti red cloth & vinyl bucket seats premium interior & exterior packages 4 speed transmission remote control mirrors luggage rack white sidewall radial tires FRONT WHEEL DRIVE

Stock No. 7506
BRAND NEW 1979 DODGE OMNI 4 door hatchback Chianti red custom interior and exterior automatic vinyl side moldings AM radio white sidewall radial tires

\$4581

Stock No. 5043
BRAND NEW 1978 DODGE MONACO 2 door hardtop Eggshell white cloth & vinyl bench seat economical 6 automatic, AM radio power steering & brakes undercoating deluxe wheel covers white sidewall tires

\$4360

Stock No. 1009
BRAND NEW 1979 DODGE ASPEN 4 door sedan Cadet blue metallic cloth & vinyl bench seat 6 automatic vinyl side molding custom trim inside & out AM radio power steering white sidewalls

\$4948

Stock No. 1114
BRAND NEW 1978 DODGE ASPEN 2 door coupe 2 tone red metallic vinyl buckets AM FM radio power steering & brakes air conditioning

\$5066

Stock No. 2022
BRAND NEW 1978 DODGE DIPLOMAT 4 door sedan Charcoal metallic 318 V8 automatic AM radio vinyl body side moldings silver padded vinyl roof white sidewall radial tires

\$4990

Stock No. 5002
BRAND NEW 1979 DODGE - ST REGIS 4 DOOR PILLARED HARD TOP Dodge's all new Luxury Road Car 2 tone blue individually adjustable vinyl bench seats V8 automatic air conditioning rear window defroster automatic speed control AM FM radio

\$7344

Stock No. 7520
BRAND NEW 1979 DODGE OMNI 4 door hatchback Finished in flame orange with vinyl bucket seats and fold down rear seat Automatic teamed with 17 litre 4 cylinder engine radio, conventional size spare tire white sidewall radial tires

\$4446

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BRAND NEW 1979 DODGE W-150 FOUR WHEEL DRIVE pickup 8 bed 225 slant six engine manual transmission quad headlamps power steering & brakes mud & snow tires Red

\$6170

\$8299



\$4664



Stock No. 5056
BRAND NEW 1978 DODGE MONACO 4 door sedan Jazemine yellow split back vinyl bench seat with folding center arm rest, V8 automatic tinted glass air AM FM radio power steering vinyl roof white sidewalls

\$5241

Stock No. 7001
BRAND NEW 1979 DODGE COLT 2 door hatchback light tan buckets 4 speed manual transmission 1400cc engine rear window defroster, AM radio white sidewall radials

\$4189

Stock No. 2001
BRAND NEW 1979 DODGE DIPLOMAT SALON 4 door sedan Regent red metallic cloth & vinyl buckets 318 V8 automatic tinted glass air AM FM radio rear window defrost

\$6679

Stock No. 1004
BRAND NEW 1979 DODGE ASPEN 4 door wagon Formal black 60-40 split bench reclining cloth seat 6 automatic AM radio power steering air deflector Premium wheel covers white sidewall radial tires

\$5623

Stock No. 1128
BRAND NEW 1978 DODGE ASPEN 4 door sedan Mocha tan air conditioning 6 automatic power steering & brakes AM radio inside day nite mirror deluxe wheel covers D78 x 14 tires

\$4604

Stock No. 6001
BRAND NEW 1979 DODGE MAGNUM XE 2 door hardtop Chianti red with leather buckets with folding center arm rest V8 automatic, tinted glass air rear window defrost digital clock AM FM radio

\$6924

Stock No. 3004
BRAND NEW 1979 DODGE B-100 SPORTSMAN WAGON 109' wheelbase Soft cashmere with saddle tan interior 318 automatic 5 passenger seating low mount mirrors front and rear bumper guards power steering radial tires

\$6538

Stock No. 7079
BRAND NEW 1978 DODGE COLT 2 seat wagon Canyon red vinyl buckets 4 speed manual transmission 1600cc engine AM radio white sidewall radials

\$4414

Stock No. 7005
BRAND NEW 1979 DODGE COLT 2 door hatchback with all new Twin Stick Dual Range manual transmission for superior gas mileage Spitfire orange with black vinyl buckets 1400cc engine AM radio vinyl side moldings wheel trim rings white sidewall radials

\$4667

Stock No. 2010
BRAND NEW 1979 DODGE DIPLOMAT 2 door coupe Dove gray cloth & vinyl bench seat V8 automatic power steering & brakes AM radio white sidewall radial tires

\$5101

Stock No. 7126
BRAND NEW 1978 DODGE CHALLENGER 2 door sport coupe Spitfire orange, cashmere plaid cloth buckets 5 speed manual transmission 1600cc engine AM FM radio vinyl roof radial tires lots of extras

\$5479

Stock No. 1172
BRAND NEW 1978 DODGE ASPEN 4 door wagon Eggshell white with wood grain exterior trim 6 cylinder automatic, power steering, tinted glass air conditioning white sidewalls

\$5307

Stock No. 6017
BRAND NEW 1978 DODGE MAGNUM 2 door hardtop Eggshell white vinyl bucket seats V8 automatic power steering & brakes, air conditioning AM FM radio tan laundau roof

\$5953

Stock No. 0028
BRAND NEW 1979 DODGE B-200 VAN 127 wheelbase White, 318 automatic driver & passenger buckets quad headlamps power steering & brakes

\$6330

Stock No. 7014
BRAND NEW 1979 DODGE 50 SPORT PICKUP - Dodge's All new 109 wheelbase efficiency size pickup Spitfire orange & black vinyl bench seat 5 speed manual transmission 2600cc engine dual racing mirrors roomy pickup box with payload capacity of 1400 lbs 185SR x 14 blackwall radial tires

\$5731

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For Sale - 55 ft. Van & 275 gal. fuel tank. 717-354-7988.

For Sale - 1973 Ford country sedan station wagon, black, make offer. 717-872-2645.

For Sale - 1973 Pontiac LeMans sport coupe, good condition, P.B., P.S., snow tires, \$1500, 717-859-3578 after 6 p.m.

For Sale - 3 1956 Clipper Packard cars, no room for storage. Price \$500. George F. Pautz, Wellsburg, NY. 717-596-2147.

MISCELLANEOUS

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17363
Ph: 717-235-4582

REAL ESTATE

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For Sale By Owner: Enjoy quiet country living on this 18 acre farmette in Juniata Co., excellent hunting and fishing, property borders stocked Trout stream, remodeled two story house, features four bedrooms, has white aluminum siding, black shutters and spacious carport, out buildings include barn, corn crib, large shed with garage, only five miles from schools and fifteen minutes from Mifflintown, Don't miss this one. Ph: 717-463-3431 after 4 for further information. No Realtors please.

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Dairy of 209 acres, approx. mile along Susquehanna River. On blacktop, near 2 towns. Fertile bottomland, 60 acres pasture. Grade A barn, attached milkhouse. Good 9-room home. Ideal family farm. \$120,000. STROUT REALTY, Inc., R.D. #2, Box 41, Wellsburg, NY 14894. (717) 596-2961. Free Local Lists.

Penna. Farms For Sale Tioga Co. Farm
Reclaim beautifully situated 97 ac. farm & enjoy quiet living year round. Wild game aplenty, owner says! Long road frontage. Some woodland, 63 acres tillable. Partially remodeled home offers large kitchen, 4 bedrms, den, 1 1/2 baths, all furnishings stay! Stake your claim. \$87,000. STROUT REALTY, Inc., 133 W. Main St., Westfield, PA 19650. (814) 367-5588. Res., 367-2710. Free Local Lists.

For Sale - Mercer Co. dairy farm, 120 acres, 90 tillable, 53 tie stall barn with attached Clay parlor, DeLaval pipeline, new 20x80 barn addition, new 30x60 utility building, 20x100 calf building, 600 ton silo capacity, comes with 54 Holsteins and Equipment. All hay, corn and silage included in sale price. Reduced for quick sale \$188,000. Good financing to qualified buyer. 814-425-2609.

32 ACRES - 32 acre tract of land located in Jackson Twp., Lebanon Co. - asking \$3500 per acre, real good farming field, all tillable, additional 13 acres of meadow land available.

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For Sale - Old Homestead farm, natural gas heat, electric & water in house, barn telephone on dirt road, large 10 room house, 19 stanchions, large barn 30 x 75', plenty of storage, 9 miles from Elmira, NY, land in high state of cultivation. Ph. 717-596-2147.

Wanted - 600 to 800 plus tillable acres in South Central Penna. or Northern Maryland. Long term lease with option to buy. 2 houses, dairy facilities for 100 plus cows. Ph: 215-847-5741 after 8 p.m. or send replies to Box 4, Ferndale, PA 18921.

For Rent - Giant barn and silo, joins state game lands, pasture, stream, box stalls \$25 up per mo. any storage. 215-647-2020.

Central Lancaster Co. - productive 68 acre general farm with 11 room house & large barn; 3 large sheds, shop, garage, pig stable, meadow with shade & running water. Located along main road, 3000 ft. frontage. Many possibilities. Write P.O. Box 366 L-78, c/o Lancaster Farming, Lititz, Pa. 17543.

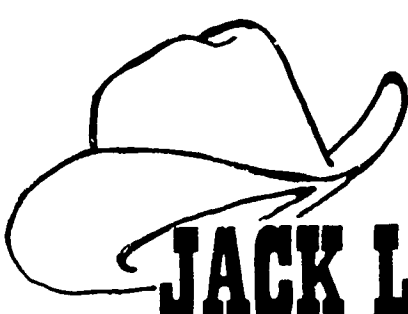
For Rent - beautiful farmstead, 1/2 or whole double house, bank barn, 40 stanchions, stable cleaner, 2 16x50 silos, bunk feeder, 8 acres permanent pasture, 2 miles NE of Chambersburg. Franklin Co. Write Box 366 M-93 c/o Lancaster Farming, Lititz, PA 17543.

Principal desires to purchase a Lehigh Co. farm, can be large or small, must have a liveable house, send details to P.O. Box 3172 Wescoville, PA 18106.

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For Sale - 1 of Somerset County's finest farms, 192 beautiful acres, 10 room house & 100x60 bank barn in excellent condition. Priced at \$250,000. Anderson Real Estate, 412-837-1191 ask for Francis Hindman.

150 ACRE STEER FARM - North of Mt. Etna. 316,000 gal. Harvestore, slurry liquid manure. 25 x 90 plus 20 x 70 Harvestore silos - 140' feed bunk & crimper - 18,000 sq. ft. cement loafing area - possible rental of additional acreage. Financing available. Ph. Fisher Real Estate, 717-273-3745.

Farm For Sale - 158 acres, 44 tie stalls & stanchions, tile mangers, cow mats, gravity water cleaner & maternity pens, 30 x 65 heifer shed attached, 2 silos with unloaders, 14 x 40, 14 x 50, 38 x 70 tool shed with shop, 5 x 14 x 75 corn crib, (2) 1000 bu. grain bins. 100 yr. old 4 bedroom home with beautiful large fireplace, new 200 amp. electric entrance, new well, pond for recreation, 45 acres of alfalfa. Farm is well tiled & kept up. Must be seen to appreciate. Allan Rector, Penn Yan, NY, Yates Co. 315-536-8047.

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For Rent - Small farm, no house, move your mobile home on and farm organic. I want produce or animals instead of rent. Paul F. Yerger, Auburn, Pa. 17922.

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JUNIATA CO., Wooded 13.3 Ac., 2 wells, good hunting & fishing area, \$11,900.

JUNIATA CO., 11 Ac. all tillable, 6 rm. 2½ sty. home, bath, oil heat, franklin stove, barn, other building, \$40,000. HUNTERS SPECIAL! Juniata Co., 1 Ac., 6 room cottage, spring, good hunting & fishing area, ASKING \$11,900.

CUMBERLAND CO., Mt. Holly Spgs. Area, Wooded 70 Ac. with buildings, stream, adjoins State Land, ASKING \$96,800.

PERRY CO., Duncannon, Wooded 20 Ac., \$29,500.

PERRY CO., Shermansdale, Wooded 20.8 Ac. on Shermans Creek, \$35,500.

PERRY CO., Wooded 2.35 Ac., lovely 4 room cabin, bath, elec. heat, fireplace, franklin stove, stream, good hunting & fishing area, \$21,900.

CUMBERLAND CO., Carlisle Area, 125 Ac. Farm (100 Ac. tillable & pasture), 4 bedrm. 2½ sty. home, 72x42 barn, other buildings, 2 streams, \$135,000.

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148 Acres - 120 Tillable, 2 Silos, unloader, 65 Stanchions, Gutter cleaner, Bulk tank, Large excellent house. \$160,000.

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FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF-12, WEST REAL ESTATE AGENCY, INC., 2728 Murray Ave., Pittsburgh, Pa. 15217.

169 acre dairy or beef cattle farm; near Mansfield, Pa. college town; private stream & pond; 8 room 1½-bath home; barn with 45 stanchions; silo; milk house; 5 storage sheds; 105 acres tillable; 30 pasture; short drive to Pa. Grand Canyon, Hammond Dam, and Denton Ski Resort. \$110,000. No. 7839. WEST REAL ESTATE AGENCY, INC., Office: 111 Main St., Troy, Pa. 16947, Phone: (717) 297-4046 or 297-2777.

DELAWARE Farms — Land CORN & SOYBEAN ACREAGE DAN ENTERLINE REAL ESTATE
Dover, DE
(302) 674-0653

ADAMS COUNTY
140 acre dairy farm - \$160,000.00; 76 acre dairy \$155,000.00.

FRANKLIN COUNTY
145 acres with good house and barn \$140,000.00; 100 acres unimproved land, ½ tillable \$75,000.00.

VAN CLEVE REAL ESTATE
717-624-8201

REAL ESTATE

TEXAS FARMING FRONTIER - Dalhart, Texas, has prime irrigated farmland in the \$800 per acre range. 100 years of strong water. Grow 150-200 bushel corn, mild winters, 178 day growing season, and large local grain market. 50 cents - \$1.00 per acre property tax - no state income tax. Growing community with progressive school system. Free brochures available. Call collect day or night. (806) 249-5613, (806) 249-4000. Mike Justice & Associates, Box 501, Dalhart, Texas 79022.

VEAL FARM

2 Barns completely equipped & modern, with 228 Calf Capacity New Rancher style dwelling with smaller storage barn Excellent opportunity \$110,000 00

Lewistown Insurance & Realty Co.

717-248-6721 or
717-248-7306
After 6:00 P.M.

425 acres (4 farms) farmed as one unit and all land adjoins, 4 sets of farm buildings and the entire line of equipment also for sale. Large potato cellar, grain dryer w/20,000 bu. storage, 30,000 broiler capacity, room for 150 steers, 4 silos. Super water system for irrigation. Columbia County. Owner will finance heavily for acceptable party.

182 acres, potato and grain farm in Schuylkill County, double dwelling, nice contoured fields. Owner will help with financing.

Call
LEOLA REALTY
127 W. Main St.
Leola, Pa.
717-656-2281

REAL ESTATE

LEASE QUALITY DAIRY CATTLE

Various plans available.

Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

OWNER MUST SACRIFICE 80 Acres

2 barns, stream, stone frame house, 3 bedrooms, fuel oil heat, 50 acres in hay, ideal for horses or livestock \$89,500. No Realtors.
717-366-0220
Schuylkill Co.

LYCOMING COUNTY

Oval, 55 acres general farm; 50 acres tillable \$85,000.

DAUPHIN CO. - Halifax
Nice 70 acre general farm \$140,000.

NORTHUMBERLAND COUNTY

70 acre general farm, level sandy loam river bottom soil, exceptional 4 bedroom house, city water, road frontage.

UNION & LYCOMING COUNTIES

45 acres nice woodland with stream, excellent deer country.

UNION COUNTY WHITE DEER

140 acre Dairy, 52 stanchions, 3 silos, 126 tilled, 9 room brick house & stream.

CLINTON COUNTY
Between Nittany Valley & Sugar Valley. 180 acre general farm, real nice farm ground, large barn, nice house. We have many other farms.

WITWER REAL ESTATE
Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

REAL ESTATE

THIS WEEK'S SPECIAL

115 A Level large beef barn, 2 concrete silos, hog fattening house, grain dryer, nice 2 farm homes with all conveniences, stocked lake good financing.

252 A Level producing land, beautiful stone home and large barn, stocked lake.

16 A Colonial brick home and horse barn, nice stream and pasture.

Also other properties available.

BLUE BALL REALTY

Blue Ball, PA
Phone: 717-354-4536

DAIRY AND CASH CROP FARM

306 Acres in Seneca County, Romulus, New York. Neighbor to other Pennsylvania farmers. Close to lake, two houses and several barns.

PATCHEN REAL ESTATE

For appointment only call
Norm Brewer, Sales Person
Phone 607-532-4949

FARM, NEW YORK STATE WAYNE CO., Finger Lakes Region

81 acres, 40 tillable, ideal for beef, fenced pasture with rolling hills, barn 30 x 100, large pens with hot water heater to raise calves, corn crib, abundant water supply. Charming 9 room house, good condition, conveniences with attractive 6" wide floor boards, \$65,000.

PATCHEN REAL ESTATE

For Appointment Only
Russell & Joyce Thorn
Salespersons
Call Collect 315-923-7464

FARMS FOR SALE - CENTRAL, N.Y.

Large & Small -
all types ranging in price
from \$40,000 - \$300,000.

Also Land Listings Available.

Write for free farm listings.

STROUT REALTY

Ross Iannello, Broker
RD 1, Rt 8, New Berlin, NY 13411
607-847-9288

FARM FOR SALE BY OWNER

336 acre dairy farm, 84 cow tie stall barn, box stalls, 20 x 80 & 20 x 40 Harvestore, 2 cement stave silos, new 4 bedroom house, machinery storage building, 3 heifer & storage barns, garage, workshop, 20 x 60 Marlette Mobile home. Produce goes with farm. \$350,000. 25% down to a responsible party with low interest. 145 head of Registered Holstein dairy cattle & full line of machinery can be purchased in addition to the farm. Located in Tioga Co., Pa.

PHONE 717-724-3908

— WANTED —

Capable, young dairyman to rent 275 acre Dairy farm near Mason-Dixon line Owner with health problems wishes to sell Registered Holstein herd & full line of equipment under contract of sale to continue farm as a going, profitable operation. Send confidential replies with references to P O Box 366 M-96, Lancaster Farming, Lititz, PA 17543

SHEETZ REAL ESTATE RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman-Eugene Kreider

FARM FOR RENT

52 acres near Leola in high state of cultivation, good soil, top production.
215-647-8778

100 Dairy and cash crop farms for sale. Central New York. 50 - 200 cow farms with 100 acres to 1000 acres. Send for our free farm list or call collect for an appointment after 8 PM or before 8 AM.

RICHARD E. POSSON REALTY INC.

R.D. #3
Norwich, NY 13815
(607) 334-9727

WANTED LAND TO LEASE

Northern Bucks and Southern Northampton & Lehigh Counties. Will pay top dollar for 50 acres and up.

215-346-7065

FOR SALE SNYDER COUNTY HOME

Appro. 1 ¾ A open land, 24 x 31 frame house with aluminum siding remodeled inside, 18 x 28 bank barn, dependable spring, piped into kitchen

CONTACT:

PAUL B. SENSENIG
R.R. #1
Port Trevorton, Pa. 17864

OVER 200 FARMS FOR SALE: In the best high lime soil, long growing season in Central New York.

331 acres, over 150 tillable, more could be cleared, unusually large bank barn. Ontario soil, has produced over 150 bushel corn. Price \$95,000.

171 acres, 154 tillable, level land. House and barn poor condition. \$75,000

114 acres, 109 tillable, no buildings, owner anxious, try \$35,000.

100 acres, 80 acres pasture and tillable land. Fair house, good barn, \$49,000.

D'AMATO REAL ESTATE, INC.

call Harry Pettingill, Jr.
Broker (Farm Division)
315-568-9708

NEW YORK — FINGER LAKES LAND! INVESTMENT PROPERTY! PRODUCTIVE! SECURITY!

97 Acres Tillable - Financing	\$41,000.
78 Acres #4 Soil - (15 acres woods)	\$18,000.
91 Acres - Prime Frontage - Financing	\$91,000.
8 Acres - 65 Year Old Spruce, Pine, Larch Trees (thousands)	\$30,000.
130 Acres #4 Soil - Financing	\$37,000.
145 Acres - 130 Tillable - 2 Trailer Pads - Water - Septic	\$60,000.
180 Acres (prime soil with old home) - Financing	\$90,000.
137 Acres (Good corn ground) - Financing	\$62,000.
144 Acres overlooking Cayuga Lake	\$85,000.
97 acres #2 Soil (500 per acre) - Financing	

Many choice farms and lands. Call Collect!

WJW REALTY

Seneca Falls, N.Y.
1-315-568-5910 or 568-5502
A. J. Farney, Broker

400 acres with 50 acres of good pecan trees, plus 150 more open acres, good house, only 3 miles from Billy Carter's new house, fair soil \$850 per acre.

700 acres with 500 acres of open land, good creek for irrigation, excellent grade soil, \$1400 per acre

4300 acres with 3100 acres open land, 2 good creeks for irrigation, excellent grade soil \$1475 per acre

238 acres total - (going operation), 190 acres open and in pasture, double 4 Herringbone dairy barn, 2 concrete upright silos, Freestall barn - 150 stalls, 7 steel bins, many other storage buildings, 4 bedroom brick & veneer house, 2 deep wells, 3600 lb daily milk base, \$1500 per acre 120 Holstein cows - extra charge.

— Call —
JAMES DALTON FARM SALES
Americus, Georgia
912-924-2911

BUY NOW!

It will be plowing time by closing time!

ONONDAGA COUNTY - CASH CROP and BEEF FARM - 326 ACRES, over 200 tillable, high producing land. **SHOW FARM** with lovely colonial home. Relocated seller. Listed at \$360,000. Full line of machinery also available.

ONONDAGA COUNTY - Package Deal - under \$300,000. Seller has made offer in other area. 130 tillable acres. Main barn 42 x 140, 69 (tie stalls & stanchions), S.S. pipeline, heifer barn, machine storage barn. Comfortable home. 100 head of cattle, machinery.

ONONDAGA COUNTY - WOW! Seller will consider holding partial mortgage. 200 Acres, 120 tillable, 66 tie stalls, heifer barn, machine storage, other out bldgs. 2 family house, mobile home, & main house. Listed at \$250,000. Let's talk. Cattle & machinery also available.

CAYUGA COUNTY - 335 acres, 225 tillable, 90 acres alfalfa. 72 tie stalls, newer barn, large heifer barn, & other out bldgs. Housing for two families.

MADISON COUNTY - Package deal. Listed at \$335,000. 42 x 160 barn, built in 1958. 78 tie stalls. Herd average 17,000 lbs. milk. Machinery included. Nice 3 or 4 bdrm. home. For appt. Audrey Banner, Broker, 315-689-3959 or 315-626-6156.

AUDREY BANNER R.E.
The Country Specialists

138 ACRE FARM IN NORTHUMBERLAND .. 2 story, 4 bedroom log home, 1 large barn for general operations, 2 smaller buildings, wooded terrain and farm land, 90 tillable acres, 10 pasture acres. Only \$862.30 per acre, owner financing available.

79 ACRE FARM ... only \$80,000.00 Act Quick!

125 ACRE FARM IN JUNIATA COUNTY ... very nice 8 room house, plus a big, big barn for livestock. This farm has lots of road frontage and 107 tillable acres of farm land.

For more information on these farms or other farm property, contact Merle Miller. Office phone (717) 569-8245 or Home phone (717) 285-3360.

**HURST
REED**
& ASSOCIATES
REALTORS

363 W. Roseville Road
Lancaster, Pa.
Phone 569-8245

REDUCED \$75,000! 347 acre dairy, 230 sandy loam soil, 1 mile frontage, not far from city and developing area 110 cow pipeline barn, 3 silo unloaders, cleaner, mow elevator. Excellent 2 family home sets up on knoll See this quick at **\$150,000** with good terms

OVERLOOKS MOHAWK RIVER, 150 acre farm on private road, more or less land available. 60 cow barn, 16x40 silo Stately 8 room home with oil heat and 1½ baths Lots of manure here Bring a shovel **\$66,000.**

CONCRETE BLOCK HORSE BARN, 40 stalls. 110 level acres, 2 tracks, 1 hour to Saratoga. 3 bedroom home presently gutted Make an offer Terms being offered **\$88,000.**

COUNTRY HIDAWAY on 10 private acres bordering state land, 2 ponds, half woods 4 bedroom Cape not real fancy, but has oil heat, good spring water and is a short drive from good skiing **\$20,000.**

336 ACRE DAIRY, mostly level land 44 stanchion barn, 2 pens Two 8 room homes. **\$90,000** with 29% down

FREE DAIRY LISTS



WIMPLE REALTORS
SLOANSVILLE, NY
518-875-6355

SMALL COUNTRY PLACES

SOUTHERN LANCASTER COUNTY LOCATIONS
10.3 acre corner property with 2½ story frame house in need of repair. \$45,000.

10.0 acre tract with pond and stream, large bank barn and 4 bedroom farm house in good condition. \$79,900.

43 acre farm, approx. 30 acres tillable, meadow with stream some woods, with good 4 bedroom frame house with over sized attached garage.

21.5 acres of level farm land and frontage, strong spring and stream, tobacco shed, bank barn, 3 car garage and 2 story home all in very good condition with good setting. \$150,000.

10 acre horse farm complete with 12 box stalls and open housing, rail fencing around paddock, recently remodeled pointed brown stone farm house, Seeing is believing. \$189,000.

SOUTHERN YORK COUNTY LOCATION

57 acre farm approx. 30 acres tillable, balance woods and meadow with spring and pond, bank barn and other out buildings, 6 room and bath dwelling. Owner anxious to sell. Steel it at \$95,000.

13 acre farm with some frontage along Route 74. Land lays level to road and gently sloping. Frame farm house in need of repair at end of long lane. \$48,000



EMORY D. WAGNER CO., REALTORS
215 W Fourth Street
Quarryville, Pennsylvania 17566
(717) 786-2131

FARMS

110 acres limestone based, good producing soil, Harvestore silo, barn set up for feeder cattle, could be converted to a milking operation, good location, good quality farms in the area, level land with high yield potential, possible financing available. \$157,000.

Call Today! We Have Other Farms Available.



Ask for Jerry Frey
717-898-8441

FARMS FOR SALE SPECIAL FEATURE

90 ACRES - FERTILE LOAM SOIL, ALL TILLABLE, LARGE BARN, SILO, MILK HOUSE, EQUIPMENT STORAGE, CORN BARN, GOOD HOME VERY GOOD JUNIATA CO. LOCATION. FIRST TIME PICTURED. \$240,000.

118 acres - approx. \$1300 per acre going dairy farm, 70 tillable acres, good area of UNION CO.

180 acres - 96 freestall setup, 24x80, 20x52 silos, 160 tillable acres, Rt. 414, BRADFORD CO. \$195,000.

65 acres - General farm, limestone soil, stream, nice home, ALLENWOOD-UNION CO. area \$140,000.

Small broiler operation, nice home, seclusion, Rt. 192, UNION CO. \$61,900.

SPECIAL MENTION

Reduced \$10,000

Attention Nature Lovers - Horse and Livestock people: This farmette offers country living at its best. Beautiful 4½ acres, stream, meadow, woods, very nice 2 story home, near the best hunting and fishing. Off Rts. 11 & 15 within commuting distance to Harrisburg. Owner says sell!! Priced in the low 40's.

SMALL FARMETTE LOCATED IN JUNIATA CO., ABOUT 8½ ACRES TILLABLE GROUND, PASTURE, WOODS, GOOD STRONG STREAM, LARGE BARN, VERY LOVELY HOME, SOME FRONTAGE, \$63,900.

For information on other small country places, call today.



FARMS & MINI-FARMS

Call to set up an appointment at your convenience to inspect these and other farm and rural properties.

F8-322 Snyder County 112 Acre General Farm, approximately 80 acres tillable. Large home and good set of buildings. \$160,000.00.

F8-254 112 acres, 80 tillable acres, ready to go into operation, 16x50 silo w/unloader. 50 x 75 pole barn, 100 ft. feeding bunk. Other out buildings, pond, springs, hay, straw & unharvested crops to buyer, older 3 br. log home. Union Co. Once sold it's gone!

F8-230 A lovely Rancher on 70 acres, creek frontage, Abuts State game land, 2 fireplaces, 4 bedrooms, 1½ baths, bank barn, open fields & green forest. Screen ed patio, elec. heat, central vacuum. Spring & much more. Snyder Co. \$77,900.00

L8-229 Sportman's Paradise! 40 acres of woodland & open fields along Penns Creek. Natural deer sanctuary on your own island. Excellent trout fishing. Frontage along paved road. Mile from State game land. Ideal for cabin or camping. Near Glen Iron. \$22,900.00.

L7-257 50 acres m/l nice farming land w/development potential. Mostly tillable. Owner will survey. \$875/acre.

Bowen Agency inc.



REALTOR®
22 North Market St.
Selinsgrove, PA

"PHOTOS BY WIRE"
717-374-2165
Evenings call Realtor Assoc

Phil Graybill
717-374-8038

Guy Graybill
717-374-1524

Paul Kuhn
717-374-4144

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MODERN DAIRY

Fully equipped with 850 gallon tank, Bou-Matic pipeline, 150 acres, beautiful house, bank barn with 68 stanchions, silo, barn cleaner, all ready to go. Owner financing with GREAT TERMS.

For details and terms, call:
Randal Kline - Agent At



142 East Main St., New Holland, PA
717-354-4071

**FOR
FARMS
CONTACT
THE FARM
SPECIALIST
TO BUY
OR SELL
VAN CLEVE
REAL ESTATE**
717-624-8201



**200 BUSHEL
CORN TRADE MARK**
Located in the Corn Belt
One of Nature's
phenomenon.
The world's largest
farming area.
**LAND IS OUR ONLY
BUSINESS.**
BILL SHARKEY
AFLM - Broker
#25 N.W. Second St.
Fairbault, Minn. 55021
507-334-2081
Broker Participation Invited

(58T) 112 acre farm near Fairfield, PA with lovely 3 bedroom old native stone home, modern kitchen, dining room, living room and den, large barn, summer kitchen and other buildings, large pond and springs, private foot of the mountain setting. \$145,000.

(68T) 59 acre gentlemen's farm, South of Gettysburg, PA, large 4 bedrooms, 2 baths, solid brick home, large barn, garage and supporting buildings, immaculate home, barn and buildings in excellent condition, wooded, tillable and open acres with 3 streams. \$149,000.

TOWN & COUNTRY REAL ESTATE
Fairfield, PA
717-642-5851

NEW HORIZONS

REAL ESTATE CO.
GENERAL FARM

144 acres of nice land with large house in good condition. House has the potential to be turned into a fine country home. Approximately 100 acres tillable and balance in pasture and woodland. Nice orchard. Has silo, but no barn. Good private road frontage. Property can be used as a dairy, beef or investment. This attractive farm is in lower Nittany Valley. Owner financing at a low 7% interest.

\$150,000

John Petuck, Broker
383-4221 (office, Zion)
355-9462 (evenings)

R D 2 P O Box 387
Bellefonte, Pa

When you think of new horizons,
think of us.
Call, write, or drop in.

LANCASTER COUNTY - 83 Acre dairy farm near New Holland, modern 2½ story stone house, 4 bedrooms w/new hot water heat & bath. Large bank barn w/2 silos, room for 60 cows, pond in the meadow.

• 58 Acre general farm; 2½ story brick house; 3 bedrooms; bath; modern eat-in kitchen; dining room; living room; oil baseboard heat; summer house with fireplace; frame bank barn; silo - 12 x 16; road frontage; zoned commercial.

• 46 Acre dairy farm; bank barn, 70 x 30'; large corn barn; tobacco shed; large implement shed; 2 silos; bunk feeder; concrete barn yard. No house included. Road frontage zoned commercial.

• 39 Acre lot, mostly wooded, near Octorara Lake. Only a few miles from Route 1 Exit.

CUMBERLAND COUNTY - 131 Acre dairy, 3 bedroom brick house, kitchen, dining room, living room, modern conveniences, oil hot water heat, bank barn, 30 stanchions, corn shed, heifer pen, implement shed. Over 100 acres tillable, productive limestone soil, in Mennonite community.

We have many other farms to show you through our cooperating brokers!

CHRISTIAN M. MOSEMAN

Real Estate Broker
734 Main St., Akron, Pa.
Dial: 717-859-1004, 717-733-1224 or
Milton G. Huber, 717-299-5136

FARMS

260 ACRE VERY PRODUCTIVE FARM ... Eastern Lebanon County, 5 acres wooded, 12 acres pasture (could be tilled). All the rest of the acres are under the plow. This land is all level and in 1 block with 4 hard roads surrounding. 129 Ft. dairy barn, extra large house ... terms!

160 ACRE HOG AND BEEF FARM ... 128 productive, tillable acres, 32 acres pasture with stream, 75x80 barn for beef and a very nice modern 4 bedroom home. Facilities to accommodate 60 sows, fatten 400 hogs and feed 100 steers. A 3 story poultry house with automatic feeders, turkey broiler contract available. Reasonably priced, quick possession.

217 ACRE DAIRY FARM .. with top producing soil for alfalfa, corn and soybeans. Level to gentle slope of 2½ acres, balance woodland and pasture totaling 217 acres. Set of buildings, 4 silos with unloaders, barn equipped with milker for 70 cows. Lagoon manure handling system. Exceptionally lovely brick house with everything in it that an exquisite housewife would want, including 4 fireplaces. Excellent milk market area, \$298,000.

106 ACRE FARM . Adaptable for hogs, beef or dairy, excellent corn and alfalfa producing soil. A nice dairy setup with 14 comfort stalls and pipeline milking system, 54 free stalls and bunk feeder, 16x65 silo with unloader, a large 4 bedroom home with 2½ baths, spacious eat-in kitchen with fireplace. A good farm, ready for the buyer who wants a level farm ready to go. Reason for selling is owner's health.

CALL:

RICH BRANDT, REALTORS

Lebanon Line - 717-274-3622
Reading Line - 215-378-1122

or our agents

JESSE ZIEGLER 717-838-1257 JUDY ROGOZINSKI 717-274-3550 CARL JOHNSON 215-367-6160

CENTRAL PA. FARMS

Centre County - New Listing - 85 acre farm, 75 acre tillable with very good 4 bedroom house and large barn suitable for beef, pigs, horses, etc. All buildings are painted making this a neat, attractive farmstead located in the Spring Mills area on good township road \$134,500

Centre County - Located near Boalsburg, PA this 44 acre farm features a good barn & 40 acres of highly productive tillable land. It has excellent frontage. Sound 2 story frame house and shop can be purchased at a later date for a very reasonable price \$94,500 without house

Centre County - 44 acre farmette features completely renovated log house in excellent condition. Located 4 miles north of the intersection of Rts 220 & 114, stream frontage, sound barn & other outbuildings, 5 acres pasture, 5 acres tillable, 33 acres woodland. Good hunting & low taxes. Very reasonably priced at \$67,500

Clearfield County - Brady Twp. This general farm features 165 A w/approx 120 A tillable, a large 2 story bank barn, house & 24' x 100' implement shed. Excellent road frontage & stream. Very near the town of DuBois. Priced at \$165,000 w/owner financing available. (See following listing)

Clearfield County - Brady Twp. Located quite near the above 165 A farm is this 76 A farm w/55 A tillable, featuring a house, barn, & several outbuildings. There is an excellent flowing stream & very good road frontage. Priced at \$88,000 w/owner financing available. This farm may be purchased w/the above farm at a reduced price

Columbia County - Very highly productive grain farm, 533 A w/approx 345 acres tillable. Complete grain drying system with American batch dryer, 2 elevator legs, storage bins, 3 homes, 2 barns, & miscellaneous outbuildings. Located near Bloomsburg. Can easily be split into large grain farm & beef farm for simultaneous sale to 2 buyers. Suitable for two families \$1,066,000 with 7½ owner financing

Northumberland County - Ideal as an investment or for general farming this 138 A farm features approx 121 A of nice laying, highly productive tillable land & a very large 2 story bank barn. Adjacent to Milton, it has a large amount of road frontage & public water & sewer is available. Although the property does not have a dwelling the purchaser can purchase a new dwelling at cost. Priced at \$414,000

Centre County - Bald Eagle area, 93 acre farm, 80 acres tillable, good productive land, no buildings. Priced at \$89,000

Perry County - This 227 A general farm located 4 miles West of Millerstown features a beautiful 2 story stone house, 2 story bank barn w/21 stanchions, 2 silos, farm shop, implement shed & cribs, guest cottage & other well maintained outbuildings. 2 streams provide water for 23A pasture 90A tillable & 112A woodland adjoins state forest. Located approx 30 minutes from Harrisburg & reasonably priced at \$210,000

Mifflin County - Ideal for investment or general farming, this farm features 115 acres, with 106 acres of productive, tillable land. It has valuable road frontage on Rt 22, and also features creek frontage. The brick dwelling features an open, banistered stairway from the first floor to the attic, and the two story bank barn has 21 stalls. Also included is a milk house, corn crib-implement shed and out buildings. Reasonably priced at \$137,500 with owner financing available

Centre County - Nittany Valley - 160 acre general farm, 120 acres tillable, bank barn, out buildings, no house, stream, good water supply. Located approximately 5 miles North of Bellefonte, PA on Rt 26. Amish neighbors. Priced at \$199,500 with owner financing

Huntingdon County - Nice 277 acre dairy farm with 240 acres tillable, 33 acres pasture, & 4 acres woodland. Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings. The majority of this farm lays quite nicely. Located 20 miles from State College. Priced at \$275,000 with owner financing available

Huntingdon County - Located in a beautiful area of Huntingdon Co., this property features a good 2 story frame dwelling, good 3 bay cement block garage, large bank barn in good condition, and several miscellaneous buildings on 220 acres. Approximately 80 acres is tillable and pasture ground. The balance is woodland. A small stream flows through the property, and it has an excellent view. Ideal for horses, beef, hunting or weekend relaxation. Well suited for purchase with 277 acre dairy farm above as a large dairy unit. Priced at \$110,000, owner financing available

Centre County - 217 acre general farm, 6 miles from State College. Limestone ground, good buildings, \$280,000 - convenient terms available

CENTRAL PA. LAND/CABINS

Many land parcels & several farmettes available. Free lists available

**FARM & LAND DEPARTMENT**

Evenings Call:

Don Myers
Fred Strouse
Mel Rocky
Richard D. Reed (Bedford)
Larry W. Platt (Lewisburg)
245 South Allen St.

PH: (814) 422-8111
PH: (814) 364-1705
PH: (814) 466-6688
PH: (814) 839-4271
PH: (717) 568-5563
State College

PH: (814) 234-4000
"Serving Central Pa. Since 1933"

CENTRE COUNTY

184 acre farm located 12 mile from State College, features a modernized two story wood frame 12 room house with 4500 sq. ft. of living space. A two story wood bank barn with attached loading shed and complete outbuildings, 122 acres open, 52 acres woodland with marketable timber. Stream flows through farm. Excellent hunting and fishing area. Present use beef. Ideal for sub-division. Owner financing available.

Also in Centre County -
408 acres 450.00 an acre, owner financing available

135 acres, all wooded, perfect for hunting \$30,000

1200 acres Snow Shoe area - 200.00 an acre.

Call

JOHN CURTIN REAL ESTATE

Belleville, Pa.

Phone 814-355-2324

Miles Clevenstone 814-383-2755

James Caldwell 814-355-4454

REAL ESTATE**REAL ESTATE****REAL ESTATE****REAL ESTATE****DAIRY FARM FOR SALE OR RENT**

Outstanding 100 acre dairy farm for sale or rent, 3 silos (2 Harvestore) 100 stall loose housing, automatic feeder 50 stall chain tie, pipeline bulk tank, box stalls & calf pens, cow barn, equipment storage building, work shop, brick house, all tillable in excellent state of fertility, mostly in alfalfa & corn

**GRAND VIEW FARM
Estate of C.S. Erb**

R.D. 1, Middletown

Shown by Appointment 717-238-8187
or 717-533-3321

PERRY COUNTY

135 Acre Farm, 100 Tillable, Mountain Stone House, 40 x 80 Barn, 10 x 30 Silo, Chicken House, 2 Implement Sheds.

Owner Financing to Qualified Buyer.

EDGAR MURTOFF

Box 230-A Loysville, Pa. 17047

Call after 6 P.M.

AC 717-789-3474

**NORTHUMBERLAND COUNTY**

206 acres, 165 tillable pig & steer farm. Farm house completely renovated, 2 baths, 5 bedrooms, modern kitchen, etc. Really nice place. Setting in from road with beautiful view, 1000 head pig capacity farrow to finish with large bank barn, 100 steer capacity & large corn storage, running stream, etc. A beauty \$295,000 #224.

MONTGOMERY COUNTY

75 acres, \$3,500.00 per acre large amount of road frontage #139

40 acre 8 room house and barn ready for renovation. Located along Rte 663 Tremendous possibilities \$125,000 #111

FULTON COUNTY

181 acres, 123 T, large three story four bedroom frame house, modern kitchen and 1 1/2 baths, large bank barn, 15 stalls, attached shed and other outbuildings \$165,000 #137

232 acre dairy farm, new 73 cow freestall barn with automatic bunk feeders. Bank barn with 33 extensions, bulk tank, new machine shed, 2 concrete and 2 trench silos, large new brick home, 1 fireplace and barbecue pit, modern kitchen, dining room, 3 bedrooms, large semi-finished basement. Absolutely beautiful. Second house with 3 bedrooms and bath \$260,000 #163

BERKS COUNTY

139 acre orchard, very nice, large sales building, 110 x 60 & 40 x 45 refrig storage, grading rooms & office building. Also a good 8 room frame home w/bath & 4 room Summer house w/bath. A very nice operation at \$380,000. #241
36 acres adjoining property available also, \$108,000 #242

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house. Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track. For the race horse lover. Registered with Pa historical society \$375,000 #117

208 acre dairy farm. Large 9 room stone house with fireplace, & attached frame addition, beautiful setting. Large barn with slate roof, 62 stanchions, 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings. 1 1/2 mile of macadam road frontage running through farm intersecting long fields making hauling easy. 160 acres tillable. Must be seen to be appreciated \$416,000 #101

COLUMBIA COUNTY

204 acre jug milk farm featuring 2 homes, main house stone & frame 12 rooms & bath w/all modern conveniences. Second home 2 story w/8 rooms & bath, oil hot air heat, both in excellent condition. Also 130 freestall barn w/automatic feeding parlor milk house & holding area. One 26 x 70 concrete one 20 x 30 Harvestore & 5 12 x 45 silos. Also new dryer & 11,000 bu storage bin 4 large equipment buildings & 4 car garage. Sales store w/black top lot & walk in cooler, also a full line of modern equipment including 4 tractors, skid loader & combine. Also 65 head of cows. A very good buy at \$550,000 #247. Call for details

JUNIATA COUNTY

117 acre orchard w/road side store market featuring walk in cooler & large cold storage. There are apple, cherry & peach trees, a lovely 2 story home w/6 rooms, bath & laundry, all modern. A family operation & a very good buy at \$195,000 #246.

MONTOUR COUNTY

125 acre dairy farm, 90 tillable, large 2 story home, large bank barn w/40 stalls, implement shed, hog pen & stream through pasture \$150,000 #214.

FRANKLIN COUNTY

147 acre dairy farm, very nice 8 room house with full basement, bank barn, holding pen and 60 cow free stall. Also corn crib & outbuildings. Good location \$295,000. #180

46 acres with cabin & beautiful wooded area near Chambersburg \$57,500

BRADFORD COUNTY**NEW**

220 acres, 175 tillable, 86 tie stalls, barn cleaner, pipeline milker, bulk tank, 3 concrete silos w/unloaders, 9 room house w/central heat \$188,000

290 acres, 220 tillable dairy farm, 102 stall barn, pipeline milker, bulk tank, barn cleaner, fans & heifer stalls, large machinery shed & heifer barn, new insulated shop, 2 18 x 50 concrete silos w/unloaders, 20 x 50 Harvestore silo & other outbuildings. A real going operation at \$470,000. Cattle & machinery optional. Also 150 acres available for rent #239

98 acre, 70 tillable, good dairy barn, 47 tie stalls, heifer stalls & pens, bulk tank, barn cleaner, 20 x 60 concrete silo w/unloader, all equipment in good condition, \$110,000. Cattle optional. Also 100 acres available for rent #240

16 acre hunting camp w/frame house, nice kitchen, large stone fireplace, cathedral ceiling, fenced. Also 2 barns, milkhouses, grainery & garage. Spectacular view, \$49,000

REDUCED

243 acres, 110 tillable good alfalfa ground, 2 houses both remodeled. Main house has 8 rooms including modern kitchen & bath. Second house has 6 rooms & bath. Both automatic heating. 61 stall barn, barn cleaner, 630 gal tank, milk transfer system, 2 concrete silos w/unloaders, 2 tool sheds. ~~\$270,000~~ \$230,000. Now operating with cattle optional. Also 200 acres available for rent #226.

116 acres, 63 plus stall Quonset barn, large machine shed, 4 concrete silos w/unloaders, barn cleaner, bulk tank, very nice 9 room home, 4 bdr, \$145,000. Second dwelling, cattle and machinery optional #217.

168 acre dairy farm, 35 stalls, barn cleaner, 18x50 conc silo w/unloader, 500 gal bulk tank, 42x70 machine shed, \$125,000 #192.

155 acre modern dairy farm, 800 gal bulk tank, 64 tie stalls, barn cleaner, 2 silos, modern dwelling, 4 bedrooms, new furnace, oil & wood combination, beautiful view and other outbuildings. A good producing farm \$141,000. #184 Cattle & machinery optional

104 acres, 55 tillable, woods, stream, lake site, 10 room home, 1 1/2 baths, fireplace, orchard. A nice place to raise a family \$75,000 #177.

WOODED ACREAGE

(2) 25 acre tracts \$14,250 ea.

10 acre tract \$6,000.

13 acre tract \$7,800

248 acre dairy farm, 160 T, new dairy barn, 72 free stalls, 8 stall herringbone parlor, 800 gal tank, 80 cow bunk feeder, 20x60 conc silo w/unloader (half full of silage), liquid manure, heifer barn and dry cow barn, also storage barn, 2 story frame house, 7 rooms and bath w/upstairs apartment. All for \$178,000 #115.

110 acre dairy farm, 50 stanchion barn, 2 story shed, silos, machinery included. Colonial type house, 9 rooms, 1 1/2 baths. ~~\$98,000~~ \$88,000 #125.

CHESTER COUNTY

10 6 acres of nice open ground, Newark area. Ideal for farmette or development. Call for details \$79,500.

SUSQUEHANNA COUNTY

148 acres beautiful woodland located near Elk Mountain ski area \$83,000.

LUZERNE COUNTY

82 acre X-mas tree farm in excellent condition, beautiful old frame 10 rm home, 5 bedrooms, 2 1/2 baths, fireplace, kitchen, etc. Barn, grainery, silo, and garage. 10,000 X-mas trees ready to go. 25,000 total trees. A nice home and a good business opportunity. Priced to sell \$168,500 #172

10 acres wooded for \$15,000 #176

Grain Farm, 138 acres tillable, 9 room very good house \$160,000

YORK COUNTY

203 acre dairy farm, beautiful 150 comfort stall barn, pipeline milker, two 1000 gal bulk tanks, extremely large milk house with offices, dry cow barn with large hay storage above. Very large concrete lots, two Harvestore silos 20x50. Large trench silo 10,000 bu grain bin. Two very beautiful homes. A very beautiful farm \$475,000

160 acre, 130 T beef farm, remodeled 8 room house, large bank barn, corn crib, and other outbuildings, nice laying land \$225,000.

8 acres 8 room frame house, oil hot water heat, double corn crib, beautiful setting back off road with farm pond \$58,000 #144.

LEHIGH COUNTY

102 acre steer farm, barn feed lot and silo. Large stone house, center entrance, ready to be renovated \$175,000 #145.

105 Acre Tract, clear & wooded, access on two roads overlooking Allentown & minutes from Bethlehem. Also brick farm house, 6 rooms & bath. Private \$420,000.

POTTER COUNTY

40 acres of mountain land, 10 acres open. Remainder woodland, borders on hard road one side \$20,000 #109.

SNYDER COUNTY

155 acre beef & swine farm. Large barn, 85x90, excel condition, 2 story grain house, 36x30, ex cond, implement shed, second steer barn, 45x50, good cond. Very nice 2 story frame aluminum sided home, 8 rooms & bath. A very nice operation \$175,000 #188.

TIOGA COUNTY

125 acre dairy farm, 95T, good milk pickup access, you'll like the soil, contour of land and drainage! Beautiful 2 story, 9 room farm house, 36 stall barn, 2 new concrete silos, new machine shed, shop and pond. You'll love it \$156,000. Cattle and machinery optional

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REAL ESTATE

NORTHCENTRAL PA. FARMS
DAIRY FARMS

GETTING STARTED! Equity is always a problem for today's modern farmer. Take a look at this 50 head operation then. Excellent 36 x 126 barn with loads of hay storage. Good barn cleaner. Includes 45 acres of ground 100+ additional good laying tillable & pasture available at \$8-10 p/acre. Good 2 story 4 bdrm. farm house w/electric heat & wood heat. All this for \$59,500. Hurry. W-337. Immediate possession.

DAIRY, DRY COWS OR BEEF! These are all options available in this 30 head barn w/hay storage. Includes 40 x 80 steel building, 130 acres & 2 ponds. Good alfalfa ground. Large 2 story 5 bdrm. farm house partly remodeled. Would subdivide. \$76,500 W-309.

65 HEAD CAPACITY! All tie stalls plus 8 calf ties & 2 box stalls 20 x 50 ribstone silo. Patz barn cleaner. 97 acres included 75 tillable, & 100 acres of pasture also available next door for lease. Good 2 story 4 bdrm. house remodeled down w/family room & woodstove. 65 head capacity for just \$100,000. T-638.

EXCELLENT ALFALFA GROUND! On this 172 acre dairy farm. Set up for 40+ head. Addition being priced. Close to 100 tillable. Includes 20 x 30 Harvestore, 2 smaller silos, all milking equip. & tank, unloader, barn cleaner 2 farm houses. \$121,000 M1608

238 ACRE FARM! Set up for 52 holsteins in Tioga County. Approx 130 tillable. Also leasing bordering farm very reasonable for heifers and additional tillable and pasture at very low cost. 20 x 64 concrete silo. 2 barn cleaners, 2 story 4 bdrm. home with family style kitchen. Owner anxious as family problems necessitate sale. This years crops available. \$136,500. W-325.

MODERN DAIRY SETUP! On this 273 acre farm 52 head tie stall barn with attached heifer barn and machine and hay storage. 2 large ribstone silos w/unloaders. Pipeline, bulk tank, beautiful 2 story 3 bdrm. home w/fireplace, modern kitchen & Cathedral ceilings down. \$18-20,000 in timber on property. Borders state land. Lots of water. Much more for \$222,500 T-658.

JUG PLANT AND RESTAURANT goes with this 59+ head dairy operation w/pipeline. 2 large ribstone silos, 20 x 65 shop and storage shed. 24 x 40 garage, mobile home hookup and excellent 4 bdrm. home. Thriving restaurant and jug business set up for over 50 people on busy Rt. 15. A good manager can not only afford this but can make large profits here quickly. Take a look at \$225,000. Owner will discuss carry back. M1715.

OTHERS

POULTRY OPERATION! Bird or egg operation equipped & ready to go, 18,000 bird capacity, 2 story coop, automated cleaning system & much more. Small ranch home, all on 14+ acres, \$65,000. Lease available for egg bird operation, current tenant would help buyer get started. Owners would discuss finance. M-1529

BEEF OPERATION! 110 acre beef farm near Liberty. Approx. 40 tillable, balance pasture & woods, good springs, 2 good barns, feeder set up w/40' concrete bunk feeder, fed by 22 x 65 silo w/unloader, 2 wells, additional lease land available. All this for \$60,000. 29% down, 8 1/2% interest, 20-25 yrs. M-1705

HUNTING & INVESTMENT

8-10 acres, stream, half wooded, terms available, exc. Hunting, Osceola, \$4950. C158.

4 62 acres, some woods, sprung approved sewage, Windham, \$4950. Y133

10 acres, pond, near state land & rec. area. Sabinsville, \$7500 C136

11 85 acres near dams, easy access, good hunting & views, Osceola, \$7500 C140

17 acres, good road frontage, spring, exc. hunting, Troy, \$8500. T554.

25 acres, Potter Co., half wooded, exc. owner terms, Westfield, \$10,900 C114

50 acres, \$375 an acre, mostly wooded, building site, Lawrenceville, \$18,750 W317

254 acres, approx \$213 per acre, good road frontage, walk to state land, Blossburg, \$54,000 M1689.

180 7 acres, approx \$350 per acre, sewage approved, pond site, E Smithfield, \$63,000 Y123

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 AND BRADFORD County call or write
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REAL ESTATE

REAL ESTATE

#180 - 5 Acre farmette in Ringtown, large 4 bedroom 5 yr. old home, 2 barns; second new 1 bedroom home, \$75,000.

#166 - 102 Acre Farm Near Gratz - Lykens Valley 80 tillable, stream thru, pond, spring water, 20 room home, 4 large barns, plus others, \$179,000.

#164 - 10 acre farmette, excellent barn, nice home, stream, \$49,500, more acreage available at \$1000 per acre.

#167 - 10 A farm, very nice large remodeled home, 4 large barns plus garages, pond & stream, secluded but near town, \$69,000.

#156 - 70 acre farm, \$79,000, 45 tillable, 25 acres large timber, stream through, 4 bedroom home, 90 x 20 barn plus other buildings. Owner will finance.

#126 - 40 acre farm \$77,900. Near Halifax, barn shop, home.

#128 - 880 acres mountain land, some roads thru, near an Interstate, \$175,000.

#151 - 25 acre farm, \$198,000. 35 room brick mansion, second large brick 4 bedroom home, 4 barns, additional acreage available.

Acreage available from 5 to 112 acres.

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Farmette (Carlisle)

2 Story stone & farm house with large stone fireplace, approx. 5 acres & a bank barn.

Dairy (Newville)

190 acres, 150 tillable, fertile rolling Hagerstown limestone soil, large bank barn with 27 tie stalls, 400 gal. tank, 2 stable cleaners, 10x50 silo and other out buildings, large modern stone and brick house with center hallway, open staircase and two working fireplaces.

Dairy (Newville)

174 acres (120 tillable) fertile, rolling limestone soil Pasture, timber & stream, 2 bank barns - 1 improved with 24 comfort stalls, 400 gal. tank, 3 unit pipeline & stable cleaner. 2nd is heifer housing. Large modern stone house with center hallway, open staircase & 3 working fireplaces.

Dairy (Carlisle)

108 acres, 80 tillable, fertile rolling limestone soil, large bank barn, 68 tie stalls, 500 gal. tank, 2 stable cleaners, 2 silos, 1 unloader and bunk feeder. Large cement block implement and loose housing building. Large semi-modern brick house with center hall way, open stair case and fire places.

General (Newville)

90 acres, 86 tillable, fertile level land, bank barn with 2 silos and other out buildings. Modern 2 story frame house.

FRANKLIN CO.

General (Shippensburg)

160 Acres (130 tillable), large bank barn, small tile silo, 10 room fairly modern double house (frame & cement block), 3000' road frontage, 15 acres timber, 2 small streams & 200' frontage on Conodoquinet Creek.

YORK CO.

Dairy (Dillsburg)

90 acres, 82 tillable fertile rolling sandy clay loam soil. Large metal barn, 63 stalls, Double 3 parlor with DeLaval milker 500 gal. tank, 2 silos (1 with unloader & bunk feeder), large grain bin & other outbuildings plus farm pond. Modern 2 story frame house

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 raising many questions -

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REAL ESTATE

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ADAMS CO. - 103 acre dairy farm, having barn with 22 stanchions, barn cleaner with Surge pipeline milkers, 500 gal. bulk tank, free stand barn, 2 16x45 silos, heifer barn and machinery shed with 1 car garage and work shop, 3 bedroom rancher \$225,000.

3 adjoining farms in Gettysburg, PA, Adams Co. having 353 acres with beef & chicken operations.

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Wanted Land to rent 50 100 acres for Spring of 79, Virginville Fleetwood area 215-944-0110

Wanted- Wood & coal stove suitable for small shop, state price and model, Aaron S Zook, Rd 1 Box 104, Gap, PA 17527

For Sale 1975 LL244 White industrial tractor with industrial loader (material bucket), only 750 hrs. paint like new, exc cond \$6300 717 665-7259

Notice we have a new supply of woolen carriage and buggy blankets, blue & green West Earl Woolen Mill, Rd 2, Ephrata, PA 17522

Wanted Mott mower for 3 pt hookup, Ed Willis 3530 Naaman's Creek Rd., Boothwyn, PA Delaware Co 215 HU5 3379

For Sale Farmall A tractor with cultivator Surge milker, 1 bucket, portable saw A M T with cabinet, 2 Duo Therm heaters 717 354 7419

For Sale- 4 yr old good broke Saddlebred carriage horse, 16 hands, lots of snap, real road horse but gentle Daniel W Hoover, Rd 1, East Earl, PA 2 miles north of Terre Hill

For Sale 1 20x60 Harvestore silo Hercules unloader, available till Spring Lebanon Co 717 949 3998

For Sale 66" sink unit, porcelain double bowl with metal cabinets and faucets \$20, slightly used double bed and mattress \$35, 717 656 6442

For Sale- JD 4230, quad range trans, with roll guard in A-1 condition 1500 hrs 717 352 2266

For Sale- Cutter chain and sprockets for Harvestore silage unloader \$150, front part of Grove 707 wagon \$75, 717-444-3968

For Sale- JD 46 loader \$300, Int 155 spreader \$300, 2 transmissions for Jamesway shuttle barn cleaner, \$100, silo pipe 8" 40' & gooseneck \$50 Wash Co 301-582-2845

Wanted- Roll away nests, to gather from back, poultry slats, JD 2 bottom plow Aaron Hertzler, R1, Charlotte Hall, MD

For Sale- Purebred yearling Arab filly, Antezeym Skowronek, Nabborn, Han, Indy Breeding, \$800, Sullivan Co 914-583 4818 after 7

For Sale- Peerless 6" crimper, asking \$35, Amos Z Horst, R4, Ephrata, PA 717-354-5738

For Sale- 5 hp Sears shredder, bagger, used little \$175, bookcase headboard \$15, vanity with skirt \$20, 717-548-2665 after 5

Wanted- used lagoon pump, repairable to good condition, PTO operated Wash Co 301-797-0013

For Sale- Linde liquid nitrogen refrigerator semen tank, XR-16, Chester Co 215 932-9287

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For Sale- Ford 272 V8 engine, completely overhauled, ready to run, many extra parts \$200, evenings and weekends 717 789-3979 Perry Co

For Sale 20 4x12 slats for chicken house, 50 hanging feeders, 8 water fountains John K Beiler, Rd 1, Lynwood Rd Ronks, PA

For Sale Flat roof over feeder 160'x40' (tin 2"x8" lumber, 8' l beams) good condition, can be removed for reasonable offer Lancaster Co 717 529-2249

For Sale 1963 Ford F350 truck fair condition, NH 327S manure spreader with hydraulic end gate, Juniata Co 717 535 5856

For Sale Patz barn cleaner, high paddles, 165 ft of chain 2 1/2 yrs old Warren Co 201 362 8446

For Sale- IH 503 diesel combine, 16 ft grain head with new hump reel, 4 row 30 ft corn head, Brillion 10 ft pull behind chisel plow, like new, 1973 Midas 8 ft pickup camper, 609-758-7586

For Sale 7/8 Simmental bull, 7 mo old, dark red with white head and socks 215 367 6160

Wanted Auto power setter for hand saws, Jonas Z Lapp, Rd 2 Box 276, Myerstown, PA 17067

Will trade deluxe frost free refrigerator for small apartment size refrigerator, Lancaster area 717 626 6208 after 6 30

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For Sale Ferguson 30 with Wagoner loader \$1200 Lancaster Co 717 653 1728

For Sale Driving horses, traffic safe and safe for women David S Zook, 1 mile SW of Georgetown on Hart Rd, Box 122 Rd 3, Quarryville, PA

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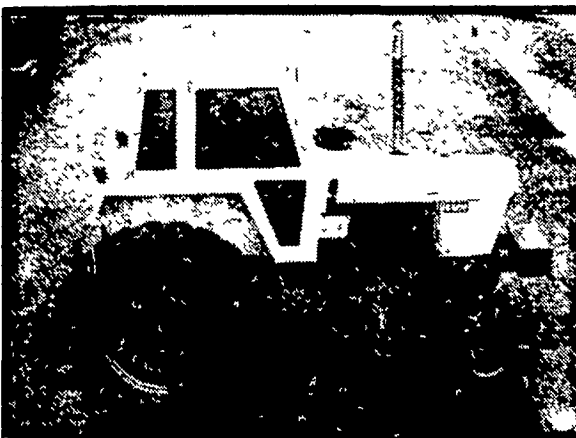
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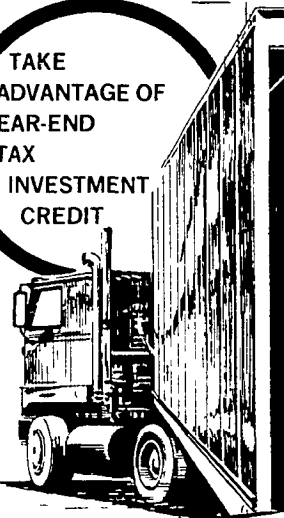
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AC - Blower 56"
Case - 56" Blower
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Brillion Cultipacker - 9'
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IH - 540, 4F Semi-Mounted
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IH - 155 - 5F - 16" Rollover
AC - 5F - 16" Semi-Mounted

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IH - 760, 12' Offset
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IH - 37, 10' Tandem

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For Sale- Service age registered bull, born 8-31-77 from a deep pedigree & a herd average of 19,000. 717-653-5663

For Sale- Web for NI 10A manure spreader, like new, Siabon Stoltzfus Jr., Rt 3, Quarryville, PA, Mt Pleasant Rd, south of Mt Pleasant Church

For Sale- Cincinnati #2 milking machine with 5 ft horizontal bed \$225, 5 hp air compressor with 82 gal tank, no motor \$225, 717-425-2745

For Sale- Rebuilt 471 GM diesel power unit 130 hrs Lancaster Co 717-354-0449

For Sale- 1966 JD 4020 diesel tractor, WFE, dif lock, S R trans, dual hyd 2300 hrs, good condition, \$8000 717-532-8601

For Sale- Ford 2 row cultivator, 28 ft portable bale elevator, Wanted- 50 brown egg laying pullets Schuylkill Co 717-682-9391

Wanted- Used check lines for hitching double, give price Henry K Fisher, Rd 1 Box 356, Hollander Rd, Gordonville, PA

For Sale- 1 6 ft rotary mower, 325 hrs portable cattle scale, 1375 hrs York Co 717-266-2867

For Sale- pair of Kastle skis, 120 cm with lock junior binding \$50, 1 pr Head 320 skis, no binding \$15, 717-665-5925

For Sale- Chihuahua Terrier pups, Reuben B Fisher, Rd 1 Box 161, Paradise, PA, between Nickelmans and Georgetown

For Sale- 2 Reg Astro Galaxy heifer calves, dams with records, \$250 each, 7 mo old Apollo bull out of Kingpin dam 700f \$400. Lancaster Co. 717-665-4239

For Sale- 1935 Plymouth, good condition, needs restored \$1495 Chester Co 215-932-3040.

For Sale- JD KBA 24 disc, excellent shape \$500, Lancaster Co 215-267-2352

For Sale- JD A tractor, starter and lights, power lift \$850, IH Farmall C tractor 6 ft sickle bar mower \$975, Chester Co 215-932-9323

For Sale- Approx 200 ft Loudon litter carrier track, 2 trolleys, 2 tugs, 2 switches, swinging boom Ben F Beiler, Box 444, Rt 1, Paradise, PA

For Sale- Gleaner E combine with cab, 2 row corn head & 10' grain head with hume reel Cumberland Co 717-423-6317

For Sale- 282 NH baler with thrower Wanted- Feeder bulls 350 lbs and up 215-678-0891 Berks Co

For Sale- 64 Corvair with 66 engine, many extra parts, asking \$375 or best offer, 717-273-6309 after 7 p.m. Must sell

For Sale- Male AKC sable colored collie pup, born 11-13-78 \$75, Elvin H Hess, Conestoga, PA 717 872 5522

For Sale- Reg Jersey heifers, 2 mo, 8 mo old from tested and classified dams, popular sires, Cumberland Co 717-423-6758

Universal- Wald and Western Flyer, Bicycle parts, 3 boxes, chains, tubes, seats, hub, bearings, pedals, all brand new \$303 35 Value for \$175 York Co 717-225-1396

MAILBOX MARKET

For Sale- Antique 1932 JD tractor \$400, 215-756-6659

For Sale- Sauder 7 ft snow blade, Berks Co 215-679-2994.

For Sale- 2000 bales of hay, second and third cutting alfalfa, \$2.50 bale at barn, cash York Co. 717-637-8172

For Sale- NI 12A manure spreader and 2-12" bottom JD trailer plow. Lancaster Co 717-442-4510

For Sale- Used English saddle, 19" used child's western saddle Chester Co 215-869-8744

For Sale- Arcona chickens, beautiful color, Mowhawk 9T chisel plow with wheels, Lancaster Co 215-445-6295

For Sale- Royal queen cook stove, green and cream, good condition, \$300, 215-286-5422

For Sale- 1974 Int 1600 with Holmes 10 ton wrecker, 4 sp trans, 2 sp rear, PS, A.C., AM/FM, wrecker body, fully equipped, new paint, everything A-1, 717-872-5791 or 872-7471 Lancaster Co

For Sale- Young White Rock hens, now laying, good roasters, John Riehl, Mt Vernon dirt road, NE of White Horse, Lancaster Co, PA

For Sale- King hot water oil furnace, serial #WA125T type 9736, also hot water heater John Peachy, Star Rt N, Box 293, Dry Run, PA Franklin Co

Wanted- Top quality rendered tallow and butchers who would be willing to render their own Lancaster Co 717-665-7356

For Sale- 12 can recently relined cooler \$385, cans, also stud goat, 1 1/2 mile east of Nichel Mines, Lancaster Co, Ira S Beiler, R1, Box 189, Paradise, PA

For Sale- Top grade Timothy and Alfalfa first cutting hay, Somerset Co 814-926-3270

For Sale- 3/4 ton Chev pickup in good shape, 8 1/2 ft cap Harold W Campbell, Rd 1, Newport, PA 717-567-3585

Barn to raze, 28x32x14 ft high, slate roof, buyer must tear down Lancaster Co 717-665-6326

For Sale- very good condition Gone With The Wind lamp, yellow with red hybisquet flowers, very good condition, Saddle King Texas western saddle Union Co 717-524-9551

For Sale- 2 female Basset Beagle pups, 10 weeks old 717-456-5149

For Sale- 4 farrowing crates \$30 each, hand fed spike thrashing machine cylinder \$15, 250 ft coil 4 in drain pipe \$21 ft Lancaster Co 215-445-6885

For Sale- JD 45 loader for 2 cylinder tractors, JD and Brady hay crimpers, JD 260 corn planter, Lancaster Co 717-665-7434

For Sale- Like new- Mechanical transplanter Flo-check valve, air control, uniform water supply with drum manual shutoff valve, tanks, 3 pt hitch \$350 Delaware Co 215-566-2035

For Sale- Log splitter, guaranteed to be the fastest splitter available Bucks Co 215-346-7065

For Sale- Used JD model L tractor type manure spreader, 95 bu capacity, good rubber \$275 301-658-6447

For Sale- Reg Holstein bull, 13 mo old, sire Jet Stream Dam, VG 19,000M 812F, Berks Co 215-562-4161

MAILBOX MARKET

For Sale- Meyers model ST 84 tractor, mounted snow plow with brackets for Int Farmall tractor 717-229-2352

Wanted- Good used 5 hp or 7 hp air compressor with or without motor and tank Lancaster Co 215-267-5942

For Sale- 1 used Ski-daddler snowmobile almost completely overhauled, invested \$650, needs engine exhaust only, first \$250, Lancaster Co 717-394-8509.

For Sale- Bulls, Elevation son, dam 297d, 15,716m 3 9test 619f, VG87, Job son, dam record 11 yr 369d 22,347m 3 9 test 881f VG88 717-867-2142

For Sale- Decent 10 yr old Standardbred carriage horse, 16 1/2 hands, \$400 Daniel K Fisher, R1, Quarryville, Behind Robert Fulton's Birthplace

For Sale- 4-H Jerseys, bred heifers, due March & 11 mo heifer, both show quality, district Champ & Reserve Champ, gentle Lancaster Co 717-653-1781

For Sale- 8x14 new axle trailer, 4 ft sides, electric brakes, cheap \$400, 717-367-4179

For Sale- Stauffer forage wagon with flotation, tires, \$1500, 215-445-6838. Lancaster Co

Wanted- Ear corn \$65 ton, old corn \$70, add \$4 ton delivered Adams Co 717-359-5834

For Sale- Reg Red & White Holstein bull, ready for service Lancaster Co 717-426-3554

For Sale- Prizer cook range, good condition, Jacob S Stoltzfus, Stumptown Rd, Rd 1, Ronks, PA

For Sale- 1965 Chevy 1/2 ton pickup truck, very good condition, Lancaster Co 717-665-4743.

For Sale- Herd of 40 Holstein cows, 2 bred heifers, Want to sell after New Year, can be seen now 717-229-2055

For Sale- 20x50 Harvestore silo, Roman Beiler, 717-442-8104 Lancaster Co

For Sale- Snow plow and rigging that fits IH Super A, 100, 130, 140, reinforced, excellent condition \$350, Tractor chains, like new for 10-24 tire \$75, Chester Co 215-827-7125

For Sale- Reg Morgan stud, 6 yrs old, broke to ride and drive, very outstanding horse, 2 yr old Percheron stud 17 hands, very good puller Sam J Stoltzfus, Box 53, Madison, PA

Wanted to Rent- Christian couple would like half farm house or small house - in Lampeter, Willow Street, Area 717-285-4288

Wanted- horse or mule willing worker, safe and sound for small boys to work with Chester Co. John J Stoltzfus, Rd 1 Honey Brook, PA

For Sale- 6 yr old Standardbred carriage horse, ready to go, Leroy Smucker, Rd 3, New Holland, N Groffdale Rd

Salvage your crop residue by stacking in easy to handle stackers 717-733-7466

For Sale- Victorian Childs rocker, cane back, cane seat, child's phonograph, child's pooltable, needs legs repaired Chester Co 215-869-8672

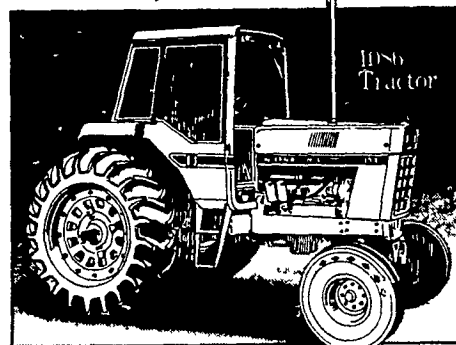
For Sale- 6 hp Shredder bagger, excellent condition, used very little, \$175, Holtwood, PA 717-284-4624

For Sale- 9 mo old Reg Angus bull, Marshall Pride Breeding, \$600, Bucks Co 215-536-4190



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Farmall 1066D, new tires, low hours
Farmall 806D Farmall 460
Farmall 544, 3 pt hitch
Int 3200 A, skid steer loader w/2 buckets
Int 504
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Ford 5000D, low hours, new tires
I-444 w/2000 Loader
Oliver Super 88D w/NI loader
JD 2030D, used 1100 hours, excel
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New 720 w/2 Row
Row Crop Unit
and Hay Pickup
One Only
\$7990⁰⁰

New 830
w/3 Row,
Row Crop Unit
One Only
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Int 370 Disk Harrow, 12'8 w/13 ft mulcher
Int 9A Drag type Disk Harrow
JD 12' Disk Harrow

Int 550 16" 5-bot Plow, new bottoms/new
coulters, special price
Int 315 Packer Mulcher, 13', used very little

USED HAY & FORAGE MACHINES

Int 46 Baler w/thrower
Int 990 7' Mower Conditioner
Fox IF546 Chopper w/2-row corn head & hay
pickup

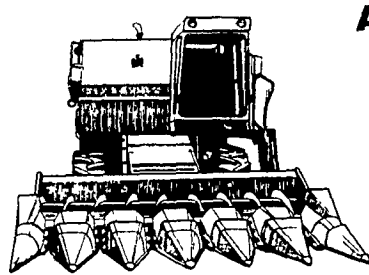
Int 550 Forage Harvester w/2-row corn
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NEW 501 HEAVY DUTY TANDEM 12 FOOT, 5 INCH DISK HARROW

• With 24" Diameter, 1/4" thick Disk

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Each mail box market ad must be accompanied by your Lancaster Farming mailing label, phone number with area code, and due to repeated requests, please include your county for buyer and seller convenience.

MAILBOX MARKET

Sale- JD 4020 diesel Q.R. complete new short block engine, running condition, 18 4x34 dual rims and tires \$800 717-532-6011

Sale- 400 gal Dari-Kool with compressor, also pedestal dining room with 6 chairs, Lancaster 717-367-2090

Sale- Old truck that runs, 2-3 ton capacity, Lancaster Co 717-367-2090

Sale- AC 720 Harvester, 2 row corn head, good condition, \$600 Lancaster Co 717-267-2459

Sale- Electric platform scale, for loading egg racks, truck, free laying cages, Lancaster Co 215-286-9445

Sale- Cast iron radiators for electric hot water system, various sizes, Northampton 215-262-4176 before 8 or after 6 p.m.

Sale- 2 male Beagle puppies, 11 weeks old, Tri-colored & black & white, will be good pets \$40 each 301-5698

Sale- new 5 hp motor, 1/2 phase and snowmobile, size med Perry Co 717-3447

Sale- Enclosed-jeep top, 215 678-3253

Sale- Surge 2" glass milking system with electro-brain washer with washers and 8 mini cups for parlor, Albarn 301-658-6474

Sale- 12 rail 4"x7 1/2"x20" AKC Siberian Huskie, sale Lancaster Co 717-50988 after 5

Sale- Old barn boards and doors, Wyoming Co 717-836-58

Sale- Top line dumping ton and AKC Reg Lahasa puppies and Chow Chow puppy, Reg 7 1/2 culpickers 486 7914

Sale- AC PTO combine bin, Lebanon Co 717-838-44

Sale- 1968 White Whitliner 8664 sleeper, 335 cc, new caps slider, in \$8900 clean 215-982-66

Sale- 1940 Chevy pickup, complete, original, running condition, A title, best offer \$600 Lancaster Co 717-3586

Sale- JD KBA disc, 24 holes, 16 hole Smidley hogder, Lancaster Co. 215-267-28

Sale- 324 corn picker with 314 sheller, 8C, \$3500, Co 717-587-1271

Sale- Patz barn cleaner, 665 3413

Sale- Corn fodder \$50 ton, farm, Jonathan E Lapp, Eastbrook Rd, Ronks, PA, Lancaster Co

Sale- Tandem wheel opener, for cars or farm implement, not tagged \$325, 3 pian colts, Chester Co 215-6238

Sale- Single beater manure loader \$175, running order, Int baler with #10 roller, Berks Co 215-944-7

MAILBOX MARKET

Wanted to buy- complete DeLaval milker with sterling pulsator, 814-793-3032 Blair Co

For Sale- 1/2 Chianina cow, registered with American Chianina Assoc, Chester Co 215-593-2374

For Sale- 2 Van-Bucket seats, swivel, high back, plush gold and vinyl construction, like new condition, Lancaster Co 717-786-3110

For Rent or Sale- 12x65 mobile home on lot in country, Manheim area. Write Box 235 Rd 4, Manheim, PA 17545

For Sale- NH #7 chuck wagon and running gear, good running condition, Harford Co. 301-452-8509

For Sale- Case 1737 skid loader, Chester Co 215-593-5952

For Sale- 14 yr old saddlebred buggy horse, good broke. Benuei M. Kauffman, Rd 2, Honey Brook, PA along Rt 10 south of Honey Brook

For Sale- 12 string guitar with case, like new \$195, Lancaster Co 717-354-7044 after 5 30 p.m.

Wanted- Old type water heater with pour in top, Chester Co 215-857-9739.

For Sale- Serval gas refrigerator, good condition \$400, Ben B King, Box 221, Rd 2, Narvon, PA 17555

For Sale- Knapp Shoes, Style K77, Reg \$34.99, Dec only \$30.99 Michael S Lapp, Rd 3, Box 235, Quarryville, PA 17566

Wanted- Flail chopper For Sale- 18 4x38 duals, 14 9x28 duals, 6 row 30" cultivator 717-789-3192

For Sale- C.U. Stoltzfus fertilizer spreader \$250, Eugene Kilgore, Airville, PA 717-862-3782.

For Sale- 72 Int. step van \$1000, Alum. storm sash, 31 ft. longx66" high \$75, other sizes, snow bucket for loader, 54"Wx30"Dx26"H \$75 215-696-1703 Chester Co

For Sale- 169+ acre Tioga Co operating dairy farm, house remodeled, 3 bedrooms, good starter farm for dairy or beef, excellent hunting area A Harper, Rt 1, Covington, PA 16917

For Sale- Steel wheels for 420 or 430 JD tractor Lancaster Co 717-354-6522.

Perked and approved lot in Bellevista, Paradise Twp is reduced \$3400, now only \$6500 Lancaster Co 717-397-3571

For Sale- Horse and saddle, very good for younger children \$150, firm 717-367-5043

Wanted- 2 row corn planter, prefer with fertilizer attachments For Sale- 1 #73 DeLaval vacuum pump, best offer Sam B Stoltzfus, Rd 1, Box 458, Lancaster Co, PA

For Sale- 12 1/2 KW electric start, Deutz generator set with lime generator, like new, Lancaster Co 717-354-7113

Wanted- Welder with -PTO hookup, Amos S. Stoltzfus, Beechdale Rd., 1 1/2 mile north of Bird-in-Hand, along side of Mill Creek.

MAILBOX MARKET

For Sale- Black cook stove, parlor stove, and Franklin stove, make offer Moses Stoltzfus, Rd 1 Box 160, Paradise, PA at Nickelmans

For Sale- 3 pt hitch carrier with sides used to haul silage from trench \$80, JD KBA 36 disc harrow, new discs, needs repair or for parts \$150, Lebanon Co 717-866-6287

For Sale- Farmall H new tires, good condition, 2 bottom plow \$920, 6 ft Bally cooler case, \$150, Berks Co 215-683-3827

Wanted- upper adjustable grain screen for MH Super 26 SP combine or complete shaker, Samuel S Sweigart, Morgantown, PA 215-286-9446 or 286-6544

For Sale- 4 long haired Chihuahua male puppies, 1 short haired, Raymond Smoker, Lancaster Co 717-548-2332

For Sale- Nov 23, 1978 Purebred Holstein bull calf, dam 19,520m, 741f, sire is plus son of Bootmaker, Frederick Co. 301-371-9105

For Sale- Corn fodder \$20 ton, picked up, Brady chopper, 12 ft 717-656-8593.

For Sale- Spring wagon, excellent shape Chester Co 215-593-5754

For Sale- 4 new early American chairs with walnut finish, Andrew Byler, 196 E Brook Rd Smoketown, PA 17576

For Sale- Snow plow with straight blade and cylinder, Int 175 manure spreader. Lancaster Co. 717-687-7260.

For Sale- Mixed hay. Lancaster Co. 717-653-2229.

For Sale- Puller tractor, Cockshutt 40 with twin 2 454 Chevy engine, 30.5x32 tires, 8 ton NI manure spreader, good condition, 717-653-4839

For Sale- Purebred registered boarder Collie puppies \$50, Lancaster Co. 717-665-2358

Wanted- Toy trains, electric and windup, any make or gauge, anything related to railroad Buying complete collections or one piece Paying cash 717-442-4279

For Sale- 16 feeder pigs Mt Joy, 717-653-4288.

For Sale- Bred yearling western and grade Suffolk ewes, \$100 each, Lancaster Co 717-665-7386.

Wanted- Self propelled 1 man tobacco hoer, must be in working condition, Lancaster Co. 717-665-9371

For Sale- 1 LP gas and 1 electric hot water heater, Cummings diesel Stephen A Lapp, Rd 2, Oxford, PA

Wanted- Snow blower for old Gravelly any condition, plus blade or other accessories or whole tractors, Quarryville, PA 717-786-7076

For Sale- 1952 Super M Farmall tractor, excellent running condition, Leon C Lewis, Gloucester Co., 609-629-8600

Wanted- Portable sawmill, all steel, gang saw that will cut 5 in Amos L Nissley, Rd 2 Box 71, Huntingdon, TN 38344

For Sale- Manure loader, fits JD A and other 2 cylinder JD's \$150, Bale wagon with grove wide track running gear \$475, Lancaster Co 717-548-2559

For Sale- Brand new Craftsman 1 hp motor, & 4 brand new Goodyear tires L78x15, Lancaster Co 717-354-5408

For Sale- Little benches, natural finish or unfinished, bushel crates Gideon B Lapp, Rd 2, Ira Rd Ronks, PA

MAILBOX MARKET

Notice I have room and feed for 200 feeder pigs, am looking for farmer who would be interested in financing pigs Lebanon Co 717-866-6844

For Sale- AKC Pekinese puppies, 717-626-8065

For Sale- 1 bottom JD 3 pt plow \$150, 3 pt dirt scoop \$115, 2 double action cylinders and pump for dump body, \$225, York Co 717-266-3859

For Sale- Firewood, delivered in Lancaster or Chester Co, gray building stone, pickup or deliver Lancaster Co 717-529-2375

For Sale- Slate roofing material 10"x20" slate, \$100 per square, approx 10 sq available Lancaster Co 717-687-6553

For Sale- Thow robes 100% wool yarn, 4 oz \$1.90, send \$ 50 for samples Sadler, Red Run Rd, Stevens, PA 215-267-5860

For Sale- Homestead wood burning stove, model 240, good condition, used 2 yrs Gideon Glick, Rt 3 Box 407, Quarryville, PA 17566.

For Sale- NI 213 spreader \$225, Gehl 99 silage blower \$850, Brillion 16 1/2 ft. field cultivator, new \$1575 Lancaster Co. 717-733-0575

For Sale- Purebred Yorkshire male hog, weighs about 275 lbs \$200, 717-865-3488

For Sale- 1961 Int 14 ft stake body with dump, good condition, 4 10" wheels with 12" tires for Dodge 4 wd. C. Lee Bixler 717-426-1539

For Sale- 73 Vega 4 speed \$500, 2 600-12 Suburbanites & 2 A78 Winter tired, 5 A78 Uniroyal tires. 717-653-5775. Lancaster Co.

For Sale- 2500 gal liquid manure spreader, tandem axle, good condition, Lancaster Co 717-653-5155.

For Sale- year round tractor cab, 17 & 19 NI manure spreader, NH 450 mower, IH 24 disc harrow, Surge pipeline milkers Lancaster Co. 717-354-0266

For Sale- Used Choretime feeders, almost new, Ventomatic fans, Brady manure spreader 717-426-3286 or 653-8243

For Sale- Bay work horse, 8 yrs old, Aaron K Fisher, Rt 1, Gordonville, PA 1/2 mile south of Intercourse

Purebred Irish Setter pups, ready to go Dec. 21, \$24 each. Lancaster Co 717-442-8437

Esco milk tank and compressor, 440 gal. must be moved for construction \$450, Chihuahua female \$40, wooden storm windows \$5 each Lebanon Co. 717-865-5920.

Sows due to farrow Dec & Jan Bred to purebred Hampshire boar. Chester Co 215-869-2181

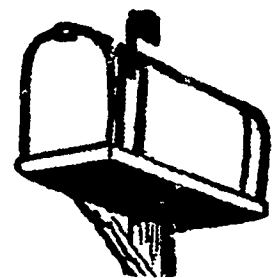
For Sale- Buggy, asking \$600, good condition, Joseph R. Ebersole, Rd 1, Gordonville, PA (Yost Rd)

For Sale- Alfalfa, \$1.25 per bale, buy now while price is low, free storage until April, 717-367-5464

Used storm windows 28x55 - 8, 29x63 - 8, \$10 for all Lancaster Co 717-626-2315

For Sale- Yorkshire boar, good stock, Hampshire ram, 10 mo old Lancaster Co 717-665-4871 after 6

For Sale- 250 J J Warren Sex Sal yearling chickens, good for roasting or laying, David J Smucker, Rd 1, Narvon, PA 1/4 mile north of Churchtown on Churchtown Rd



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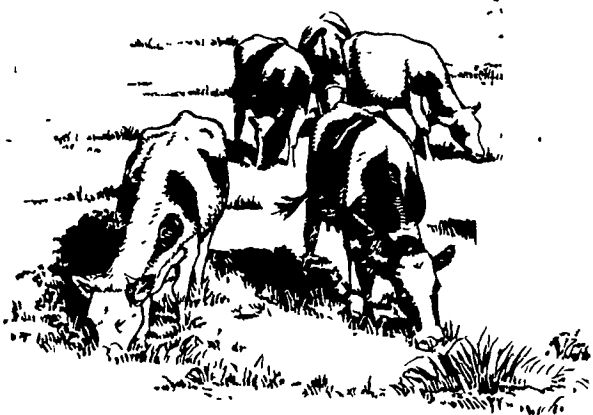
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Dried viable primary cultures of Lactobacillus Acidophilus, Lactobacillus Casei, Aspergillus Oryzae, Torulopsis, Bacterum Bifidis, Corn Distillers, Solubles, Distillers Dried Grains, Thiamine, Niacin, Riboflavin, Pantothenic Acid, Vitamin B12, Pyridoxine, Folic Acid, Choline, Biotin, Inositol, Vitamin E, Arginine, Lysine, Methionine, Methionine & Cystine, Tryptophane, Histidine, Leucine, Isoleucine, Phenylalanine, Phenylalanine, & Tyrosine, Threonine, Valine, Glycine, Lactic Acid, Rice Mill By-Product and Calcium Carbonate

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DAIRY CALVES 250 lbs up - 1 lb per 20 head per day - 5 lbs per ton in growing and finishing rations

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Crude Fat	Minimum	1%
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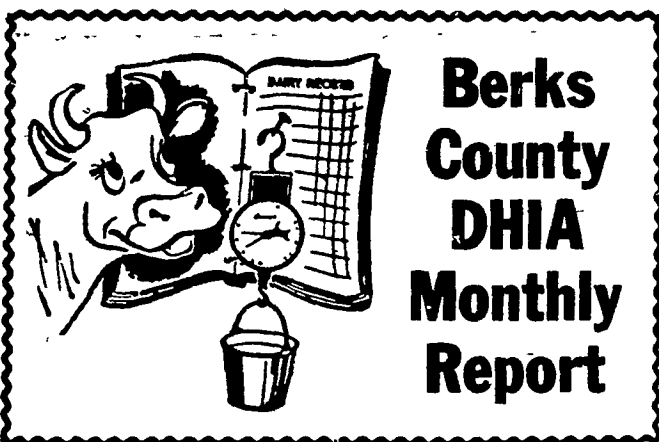
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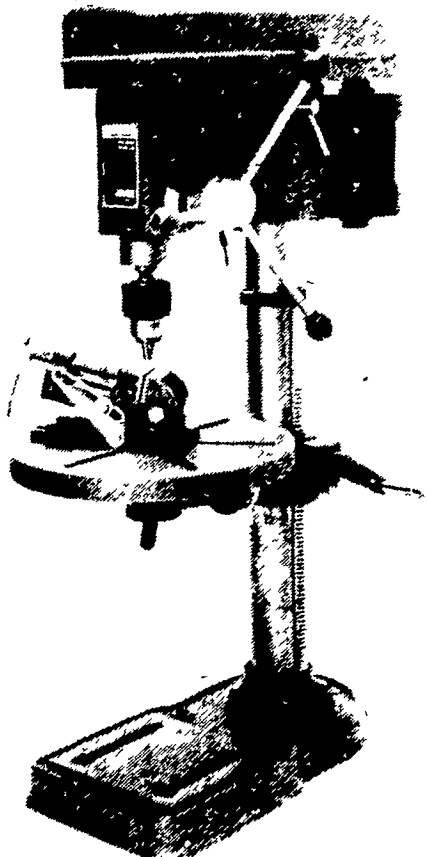
October, 1978

John H. Stump's Lucy was the high cow in both milk production and butterfat production for the month of October 1978, for 305-day lactations. She put out 26,853 pounds of milk and 1088 pounds of butterfat.

Second high individual for milk in Berks County was R.M. Browns with Sons, Inc. No. 61 and 26,474 pounds of milk and 907 pounds of butterfat. Second high for butterfat pounds was Charles R. Kissling's Nicki, with 999 pounds for the month.

OWNER BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Stephen J. Janos 3	32.0	91.9	53.2	3.8	2.03
Junge Farms 3	38.2	89.5	53.9	3.6	1.96
Yost Brothers B3	116.1	91.5	53.7	3.6	1.94
Kenneth L. Stutzman B3	40.0	95.5	45.7	4.2	1.90
George S. Troutman Jr. B3	61.9	89.0	55.2	3.4	1.89
Herb Top Farms B8	26.6	92.5	45.9	4.1	1.87
Ralph G. Sanner B3	54.0	91.3	48.0	3.9	1.87
Ralph C. Richard 3	82.5	92.6	49.2	3.7	1.84
Charles R. Kissling 3	44.5	82.0	49.4	3.7	1.84
Daview Farm B3	39.1	93.0	44.8	4.1	1.84
Phillip & Tom Werley Jr. B3	103.4	88.5	49.8	3.7	1.83
James G. Stutzman B3	45.7	95.0	46.5	3.9	1.81
E. Daniel Leatherman B3	59.5	92.9	48.5	3.7	1.81
Nevin E. Mast B3	44.1	85.7	51.2	3.5	1.78
Charles W. Wagner B3	46.0	96.8	48.4	3.6	1.76
Mertz Brothers B3	47.1	86.1	46.8	3.7	1.75

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5 speed 13" drill press	\$174.40
16 speed 17" drill press	\$205.60
Horizontal-vertical metal bandsaw	\$233.15
4 ton Porta-power	\$126.85
4" swivel vise	\$37.15
22" production drill press	\$431.25

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William G. Howerter 3	86.8	90.2	46.5	3.7	1.74	Daniel J. Harnish B3	78.1	80.3	44.9	3.6
Keith E. Hertzog B3	36.1	93.8	48.9	3.6	1.74	Horace Hoffman G8	50.0	93.3	41.5	3.9
Rodger L. Wagner B8	118.5	89.8	44.1	3.9	1.73	Russell K. Dietrich 3	73.4	87.7	43.1	3.7
Clarence B. Kulp B3	60.3	92.0	44.9	3.9	1.73	Harvey C. Krill Jr. G8	36.0	93.6	44.4	3.6
Swatara Dairy Farm B3	83.8	82.4	39.4	4.4	1.72	Leroy E. Howard B3	120.8	89.7	44.3	3.6
Glen Mar Farm B8	56.1	74.8	45.4	3.8	1.71	Show Top Farms B3	130.7	91.1	43.6	3.6
Ray W. Seidel B3	33.0	85.9	41.5	5.1	1.70	Hylark Farm 3	72.9	84.3	42.1	3.8
Andrew D. Stoltzfus B3	100.00	83.0	45.8	3.7	1.70	David Y. Knauer B3	52.7	88.1	39.8	4.0
Donald Burkholder G8	89.9	90.3	44.8	3.8	1.70	Louis E. Moyer 3	28.0	83.5	43.3	3.6
John C. Bartsch B3	48.6	84.7	43.5	3.9	1.69	Kenneth Zook B8	42.0	87.2	43.6	3.6
Lenilea Farm B3	35.5	88.1	42.5	4.0	1.68	F. M. Browns Sons Inc. B3	86.8	83.0	42.2	3.7
J. Hershey Myer B3	44.7	88.4	40.0	4.2	1.67	J. D. Rosenbaum & Son B3	76.6	86.0	39.5	3.9
Linden Loch Holstein 3	53.5	85.2	46.0	3.6	1.66	David Y. Knauer B3	53.3	89.0	38.5	4.0
William C. Adams B3	75.0	86.5	40.5	4.1	1.65	David Dougherty B3	77.4	86.2	46.3	3.3
Jaimcre Farm B3	57.9	83.3	44.5	3.7	1.65	Charles D. Moyer B8	105.2	86.8	39.7	3.9
R.C. & C.E. Wiedner B3	38.9	86.7	39.8	4.1	1.64	Harold & Georg Schuler 3	42.5	80.0	37.4	4.1
Paul B. Martin B8	44.0	87.6	42.5	3.9	1.64	Harold Fenstermaker 3	35.0	85.3	39.9	3.9
Mervin Brubaker B3	68.6	87.4	44.3	3.7	1.63	George E. Seidel 1	25.6	77.0	37.4	4.1
Leonard G. Stoltzfus B8	88.7	88.5	49.8	3.3	1.62	Reu Hel Farms Inc. 3	113.8	86.4	40.0	3.8
Way Har Farms B3	106.8	88.0	44.3	3.7	1.62	Wilmer Dreibelbis B3	57.0	84.2	40.7	3.7
Ray E. Bicksler B3	45.1	86.4	42.9	3.8	1.62					

(Turn to Page 91)

Atlantic BREEDERS COOPERATIVE

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Quality Sires To Help You Breed Better Holsteins

Superior: his name says it all!

15H180 Le-Del Ideal Superior is a bull that lives up to his name in many ways. In production, his daughters are averaging over 17,000M and 600F, making him one of the highest PD-milk bulls in the breed today at +1,794. Superior daughters scored for type have a PD of +.46. They possess body strength with dairyness, well-attached udders, correct teats, good feet and legs, pleasant dispositions, and fast milkout. Superior is a son of Gay, and his dam is an EX-3E Fury daughter with three early records over 20,000M and 700F, then three more over 24,000M and 900F. The next dam is also EX-3E. Superior is more than just a name — it accurately describes his proven genetics, too.



15H180 Le-Del Ideal SUPERIOR

Very Good & Gold Medal
Production & Type Qualified (July/78)
TPI: +372 aAa: 315246

Superior Production: USDA Summary (July/78) —

83 Daughters in 62 Herds Ave	17,254M	3 5%	608F
Predicted Difference (78% rpt)	+1,794M	+\$142	+38F

Superior Type: H-FA Summary (July/78) —

23 Classified Daughters Average	78.4 (act.)	80.3 (age-adj)
Predicted Difference (62% rpt)		+.46

Superior pedigree

His Excellent & Gold Medal Sire
Harnsburg Gay Ideal

Superior daughters

Fer-Do Superior Butter — GP (83)
2-8y 330d 2X 20,038M 763El-Dor Superior Wanda — GP (82)
2-3y 329d 2X 15,083M 561

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(Continued from Page 90)

Richard R. Troutman					
B3	110.2	82.1	45.1	3.4	1.52
Retland Farm					
B3	49.1	82.4	40.9	3.7	1.52
Irvin G. Weaver					
B3	45.4	90.3	42.3	3.6	1.52
George E. Moyer					
B3	75.3	82.2	38.8	3.9	1.51
Raymond A. Seidel					
3	38.5	88.4	40.4	3.7	1.51

The following cows produced over 650 lbs. of fat or more in 305 days or less:

OWNER	NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
David P., Herbert						
Elaine	H	6-1	267	16,874	674	
Roy Y. Stoltzfus						
Bird	H	3-4	305	18,691	668	

Ralph C. Richard					
45Faye	H	5-4	305	17,438	681
Leroy E. Howard					
Alice	H	10-0	305	16,231	662
Stella	H	10-1	305	20,250	774
Beth	H	8-4	305	23,313	948
Pal	H	7-11	305	20,002	880
Myrtle	H	6-10	305	19,180	745
Esther	H	6-0	305	19,980	765
Belle	H	5-5	305	20,593	777
Misty	H	4-10	305	20,279	723
Foxie	H	5-0	305	15,943	696
Spot	H	3-3	305	19,157	657
Boc'sie	H	2-10	305	20,557	712
Ro Ria Farms					
#940	H	6-1	305	19,194	652
#976	H	6-2	305	18,692	664
#62	H	5-3	305	14,293	734
#72	H	4-9	305	16,722	711
#178	H	4-4	305	16,965	678

Show Top Farms					
Linda	H	5-4	305	22,144	736
Francis	H	3-4	305	18,247	742
J. Hershey Myer					
Marion	H	5-2	305	24,660	892
Alma	H	3-9	305	19,716	725
Daniel J. Harnish					
Cardell	H	7-5	286	21,973	804
Suzette	H	5-1	305	22,928	822
Marsha	H	5-2	305	22,749	834
Pam	H	5-0	273	17,640	661
Reu Hel Farms Inc.					
Pat	H	5-6	305	21,873	805
Sylvia	H	5-3	305	20,670	765
Ina	H	3-2	305	17,401	709
Edie	H	3-3	305	19,023	767
Dawn	H	4-0	305	18,773	686

(Turn to Page 92)

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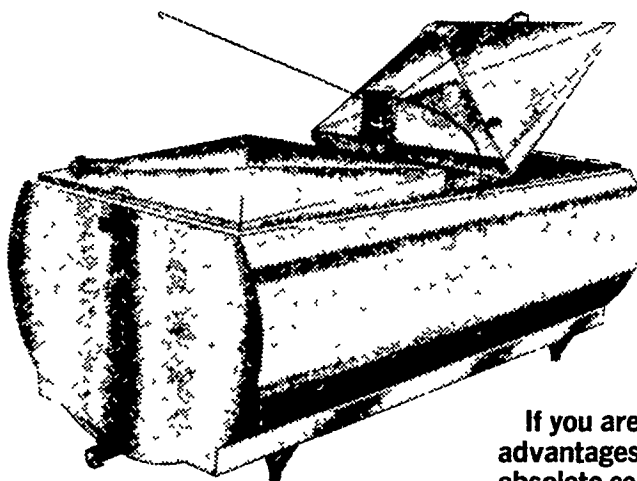
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advantages of the Mueller "OH" "MHL", and "MW" you may be buying an
obsolete cooler.

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★ 3,500 GAL. OH

300 gal. Mueller
375 gal. DeLaval
400 gal. DeLaval
1 600 gal. Milkeeper

500 gal. Milkeeper
350 gal. Esco
425 gal. Esco
500 gal. Mojonier

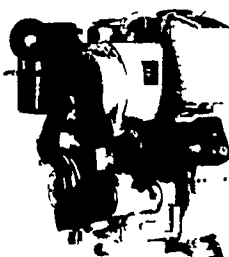
★ 1,000 GAL. OH

600 gal. Mojonier
400 gal. Dari-Kool
200 gal. Girton
D-2 600 gal. Girton

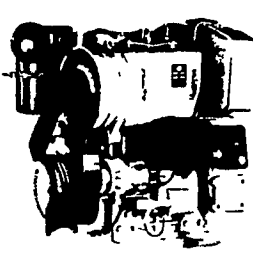
D-2 400 gal. Girton
500 gal. Wilson
2-400 gal. Jamesway

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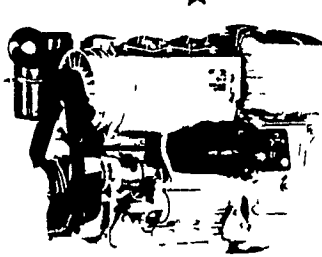
**1050
SU
SERIES**



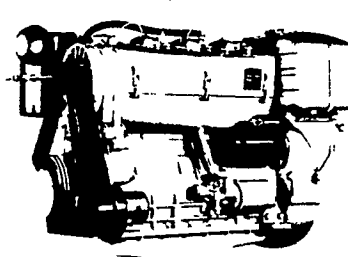
2800 R.P.M.
22 SAE HP
20 DIN HP



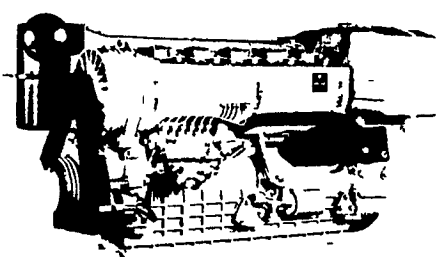
2800 R.P.M.
44 SAE HP
40 DIN HP



2800 R.P.M.
66 SAE HP
60 DIN HP



2800 R.P.M.
88 SAE HP
80 DIN HP



2800 R.P.M.
132 SAE HP
120 DIN HP



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**24 HOUR
SERVICE**

(Continued from Page 91)

Vista Grande Farm					
Emily	H	7-8	305	18,396	741
Peggie	H	8-1	305	20,779	770
Gerry	H	6-0	305	19,523	752
Lila	H	5-7	305	18,223	715
Evelyn	H	5-5	305	19,661	723
Ona	H	4-3	305	19,752	790
John F. Snyder					
Kora	H	4-9	305	17,789	660
Rodger L. Wagner					
#110	H	5-1	305	16,968	673
#77	H	7-9	210	21,800	798
Linden Loch Holstein					
#33	H	7-2	305	23,145	927
Pine Brook Farm					
#71	H	3-11	305	19,180	653
Wilmer Driebelbis					
Prudenc	H	6-4	305	19,533	725
Charles W. Wagner					
Joy	H	7-11	305	19,115	750
Velvet	H	6-4	305	17,373	653
Donald B. Duncan					
#76	H	6-3	285	18,061	699
#58	H	4-4	305	15,333	708
#14	H	4-0	305	22,076	780
Charles R. Kissling					
Mickey	H	7-7	305	20,797	789
Millie	H	5-11	287	19,034	850
Nicki	H	4-10	305	15,681	999
Joann	H	3-3	298	21,627	760
Ernest E. Heckman					
Mona	H	4-6	300	15,480	668
Herb Top Farms					
Helissa	H	5-3	292	19,537	856
Sherry	H	4-6	305	17,339	720
Donald E. Landis					
#120	H	6-1	305	17,220	655
Ralph G. Sanner					
Diane	H	5-2	296	21,219	707
Flossie	H	3-1	305	20,169	687
Mertz Brothers					
Helen	H	9-5	305	15,487	663
Bess	H	7-7	305	23,672	946
Kenneth Zook					
#4	H	3-3	305	20,818	763
William G. Howerter					
Silver	H	6-5	300	17,124	712

Sue	H	6-9	293	20,868	819
Ruth	H	5-7	305	18,820	735
Sherri	H	4-5	305	24,016	703
Dusty	H	5-2	305	19,762	700
Joey	H	4-5	305	21,209	786
James G. Stutzman					
Karen	H	7-4	305	21,680	837
Rc&CE Wieder					
Snooph	H	3-11	305	18,185	720
Charles D. Moyer					
Debby 5	H	8-4	254	15,831	670
Joy 11	H	7-4	301	17,712	698
Penny	H	4-4	305	16,729	715
Kenneth L. Stutzman					
Marilyn	H	9-9	305	23,973	851
Liza	H	7-9	305	23,262	779
Betty	H	7-8	305	18,763	714
Darcy	H	5-6	305	16,065	725
Russell H. Haas					
Bev	H	5-2	281	18,007	684
John H. Stump					
Lucy	H	7-0	305	26,853	1088
F. M. Browns Sons Inc.					
#15	H	8-8	305	19,798	742
#61	H	8-1	305	26,474	907
#42	H	7-10	305	20,392	833
#92	H	5-4	305	25,097	814
#60	H	5-0	294	23,343	826
#12	H	2-1	305	18,893	656
Richard H. Hoffman					
Dandy 63	H	6-0	305	16,106	672
Stephen J. Janos					
Sal	H	6-1	305	25,173	966
Enka	H	4-3	305	17,777	662
Raven	H	3-0	305	21,472	696
Flicka	H	2-4	305	20,391	671
Joann	H	1-11	305	18,114	657
Andrew D. Stoltzfus					
Elenor	H	5-4	294	23,421	776
Marjory	H	4-2	305	25,674	877
Pat	H	6-1	305	24,834	731
Dianne	H	3-10	305	24,128	771
Daview Farm					
Shanette	H	6-2	305	20,578	760
Heidi	H	5-3	280	16,966	658
William C. Adams					
Tracy 11	H	11-11	305	21,494	928
Richard R. Troutman					
Patsy	H	7-0	305	22,190	700

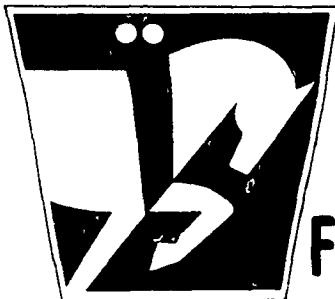
Patree	H	3-11	305	19,862	723
Clover	H	6-2	305	18,680	786
Harold G. Heck					
Pattie	H	3-6	305	24,634	838
Sissy	H	3-2	305	15,668	712
Larry L. Mertz					
#55	H	4-8	305	18,296	773
#82	H	5-9	305	18,602	677
GGeorge E. Moyer					
8 Marie	H	5-0	305	16,120	728
Harry P. Shaak					
#311	H	4-1	305	15,817	653
J. D. Rosenbaum & Son					
#68	H	6-10	305	17,291	652
Robert L. Sattazahn					
Tillie	H	7-4	305	16,620	676
Peg	H	5-10	305	20,675	759
Larue	H	5-4	305	17,114	702
Iva	H	5-3	266	19,150	710
Horace Hoffman					
#25	H	7-0	305	16,466	706
#52	H	4-4	305	15,251	673
Ray E. Bicksler					
Snsine	H	2-1	305	18,235	655
Robert Sittler					
Sandy	H	9-5	305	22,788	729
Mat Mar Farms Inc.					
#45	H	6-1	305	17,581	704
#38	H	4-8	305	18,576	666
Clarence B. Kulp					
#4	H	6-4	305	19,819	855
Raymond A. Seidel					
Jenny	H	4-6	305	18,188	731
Jazz	H	3-1	305	17,008	725
Hylark Farm					
#123	H	6-3	305	21,450	657
#179	H	3-4	305	20,633	711
Ernest O. Miller					
#32	H	8-4	305	23,361	659
#73	H	10-6	305	24,865	770
#103	H	6-11	302	25,017	819
#376	H	3-10	305	20,827	697
#380	H	3-6	305	23,507	650
Harold & Geo. Schuler					
Lucy	H	7-11	305	18,151	719
A Marie	H	7-5	305	18,106	783
Brenda	H	4-2	305	18,950	797

(Turn to Page 93)

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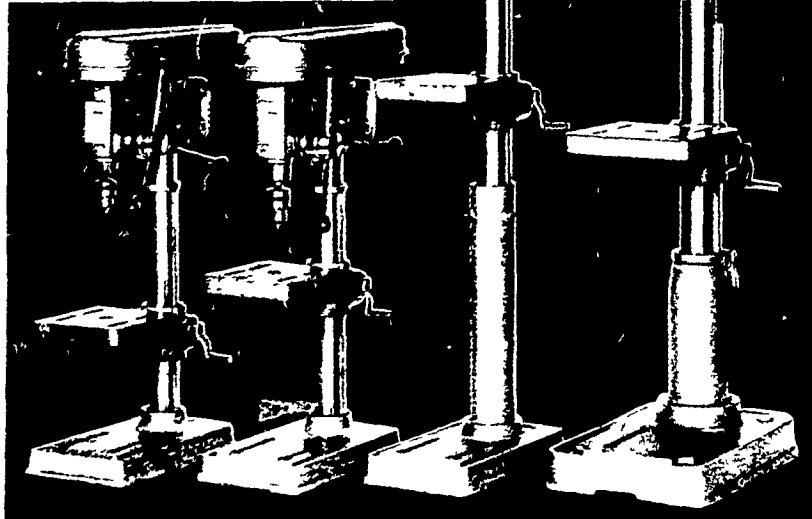
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1412	1458	1458F	2501
w/1/2" Fixed Chuck Drilling Capacity 1/2"	w/1/2" Morse Taper Drilling Capacity 5/8"	w/1/2" Morse Taper Drilling Capacity 5/8"	w/3/4" Morse Taper Drilling Capacity 1"
w/o motor \$184 w/1/2 HP \$244	w/o motor \$215 w/1/2 HP \$285	w/o motor \$261 w/1/2 HP \$331	w/o motor \$539 w/3/4 HP \$619

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BLUE BALL, PA 17506

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NUMBER ONE FOR TYPE and MILK



29H2719 Rippchen BOOT-NICK EX-91 GM

PD +\$82 +1,029M -.10% +22BF 84% Rpt.

PDT +1.99 TPI +386 73% Rpt.

Sire: Paclamar Bootmaker EX-94 GM

Dam: St. Croixco Lad Nina EX-93 3E GMD

1

BOOT-NICK is the number one bull for type. Of all bulls who are plus 1,000 pounds of pd milk or more, BOOT-NICK, has the highest PDT +1.99. His dam is a 3E daughter of Lockway Sovereign Lucifer Lad who has over 150,000 pounds of milk lifetime with a 4.1% average test! HFA has coded BOOT-NICK daughters 1 for udder support, 1 & 2 for Rear udder, 1 & 2 for teat placement, 1 & 2 for hind legs, 1 & 2 for feet, 1 for rump, 2 for back, and 2 for head.

BOOT-NICKS maternal brother 29H3345 Ripp-Valley Elevation NAPOLEON, sired by Elevation, is now available. Contact your ABS representative for details.



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Holtwood, PA
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Eric Heinsohn
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Lynn Gardner
Paul Herr
James Charles
Jerry Babonis
Robert Kayhart
Robert Greider
Paul Martin
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215-378-1212
717-866-4228
717-225-3758
215-869-9187
301-378-3540



(Continued from Page 92)

Lester Heyer					
Taffy	H	8-9	305	18,538	667
Russell K. Dietrich					
Holly	H	8-4	301	15,502	658
BRB Farm					
Sadie	H	8-1	305	23,497	815
Scattered Acres Inc.					
#15	H	8-11	305	16,381	650
#77	H	5-11	305	18,519	806
#98	H	5-4	305	18,475	713
#103	H	5-1	305	17,635	772
#105	H	5-0	305	18,638	672
#109	H	5-3	280	17,776	685
#148	H	3-2	305	18,156	719
#45	H	1-11	305	21,311	715
Arthur D. Schlappich					
#38	H	6-11	265	16,835	679
Pansy	H	4-11	282	18,714	657
Edna	H	5-0	305	19,205	704
Cindy	H	4-10	305	21,738	660
Raymond B. Nolt					
#28	H	8-8	305	17,005	671
#31	H	8-9	263	20,126	822
Robert T. Bowman					
Dixie	H	6-2	305	18,019	702
John C. Bartsch					
23 Joyce	H	3-2	305	18,104	730
Nevin E. Mast					
Star	H	6-1	305	24,361	919
Promise	H	2-2	305	20,073	667
Fae	H	2-1	305	17,607	703
E. Daniel Leatherman					
Perky	H	5-10	305	18,536	705
Addy	H	4-7	305	17,684	704
Helen	H	4-6	305	16,826	701
R Karen	H	6-6	266	16,946	684
Glen Mar Farm					
#5	H	9-10	305	19,039	745
#23	H	4-4	305	20,401	927
Debby	H	3-4	305	21,904	805
Patty	H	2-4	296	17,702	623
Rocky	H	6-8	255	16,958	683

Retland Farm					
#33	H	7-2	302	19,289	719
#39	H	5-6	305	20,089	720
David Y. Knauer					
Ann	H	5-7	305	18,685	655
Philip & Tom Werley Jr.					
#44	H	5-2	277	15,854	661
George Stein					
Bonnie	H	4-1	305	15,570	746
Nicky	H	4-2	293	16,346	724
George E. Seidel					
Lee	H	4-1	305	22,229	895
Katie	H	3-0	305	18,361	753
Joseph F. Walters					
#41	H	3-1	305	16,067	755
Blue Mtn. Academy					
#243	H	7-4	305	20,988	721
#310	H	4-1	305	22,520	935
Clarence C. Sattazahn					
65 Joy	H	6-1	305	18,706	654
81 Viva	H	5-3	304	21,244	745
10 Rene	H	4-10	305	18,935	673
36 Magi	H	4-10	305	19,383	684
Earl W. Latshaw					
Candy	H	5-11	241	17,478	678
George S. Troutman Jr.					
Spotty	H	6-10	305	24,792	924
Doll	H	4-8	305	25,084	798
Yost Brothers					
#146	H	7-4	290	22,439	808
#166	H	5-5	305	19,638	693
#137	H	6-8	287	15,962	665
#39	H	2-7	297	15,530	675
#57	H	2-8	305	17,484	691
Teen Chal Farm					
#83	H	5-6	305	21,197	696
Lenilea Farm					
Sandy	H	3-5	197	11,641	678



In Old China, bells were rung to call for rain.

Consumers advised about the buying of firewood

ANNAPOLIS, Md. — Because of today's energy situation, many people are turning to wood burning stoves or fireplaces to offset the high cost of heating their homes. However, according to Richard L. Thompson, Chief of the Maryland Department of Agriculture's Weights and Measures Section, "it is not uncommon for people to pay much more for firewood than they realize. Although there are no price controls on firewood, there are state regulations which must be followed so the consumer can make cost comparisons."

All ads for bulk firewood sales must list the quantity offered in terms of a "cord" or fractional parts of a cord. (A cord of wood is 128 cubic feet... comparable to a stack four feet high, four feet wide and eight feet long.) The only exception to this requirement is when wood is packaged or bound (usually in small quantities). Packaged firewood must display a quantity declaration in terms of cubic feet or fractions of cubic feet. Terms such as face cord, rack, pile, truck load, etc. are prohibited since they have no meaningful basis for measurement.

Thompson says, "Many firewood vendors today are

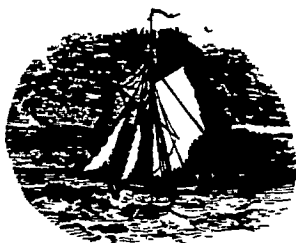
part-time woodcutters trying to pick up a little extra money. Since they deal in small quantity lots, the consumer should do a little arithmetic to make certain he is getting his money's worth.

"For instance, packaged firewood is being sold in Maryland at nearly \$3 for about nine-tenths of a cubic foot. This can be legal if it is properly packaged, but a cord of this wood would cost over \$400... a lot higher than the normal going rate of from 50 to 75 dollars for a cord of bulk firewood."

In addition, ads for wood must specify the species offered (oak, hickory, pine, etc.) and whether it is unseasoned (green) or dry. When mixed woods are offered, a declaration must be made within five per cent accuracy of the percentage of each type.

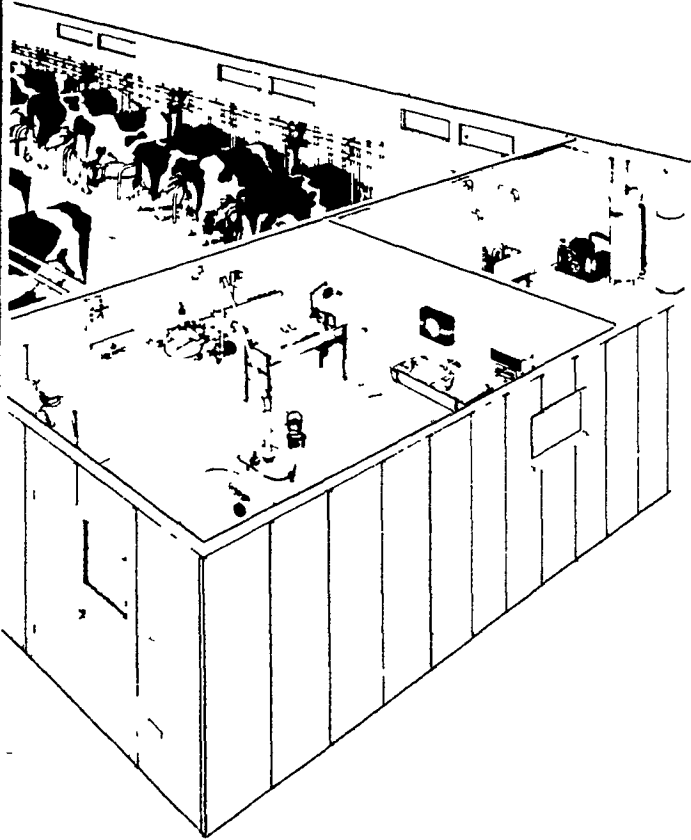
Thompson says there are other consumer safeguards to provide assurance that the buyer is getting what he is paying for. All bulk deliveries of firewood must be accompanied by a delivery ticket containing the name and address of the vendor and the purchaser, the date delivered, quantity delivered and quantity upon which the price is based, and the identity of the wood in the most descriptive terms practical.

Persons falling prey to violations of these state requirements in Maryland may telephone Mr. Thompson's office in College Park at 301-454-3551, or in Baltimore, Anne Arundel, Montgomery or Prince Georges Counties they may call their local Weights and Measures agency.



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HEIFERS

BULLS

Watershed project involves woodland work

By KENDACE BORRY
LANCASTER — Healthy trees just don't happen, according to Tim Breneisen, superintendent of the Watershed Reclamation Project in Lancaster County. He stated that manmade watersheds of conifer or evergreen trees need care and work to do the job they're supposed to do.

Such a project will be underway until the end of February of 1979. Sponsored by the Lancaster Con-

servation District and funded by CETA, the project will have run for one year, with work being done in different parts of the county.

Breneisen, a forester, explained that basically what his two crews of workers are doing is thinning out the conifer plantations at different watersheds throughout the county.

The basic idea in the thinning is to remove about one third of the trees, in order to give the other trees

light at least on one side and at the top. The more surface of the tree that is exposed to the light means more growth for the tree. Removing some of its competition also gives it more growing space on the ground area.

Every third row of the trees are removed, plus any hardwood trees, which hamper the growth of the conifers.

The branches and brush from the work are spread on the floor of the forest to help protect the land. The trees that are cut down are removed from the area, cut up into logs and utilized by the Denver Wood Products, New Holland.

Basically, Breneisen related, the project is a small logging operation. His

(Turn to Page 96)



Tim Breneisen, superintendent of the project, stands at the entrance of the Chester Water Authority project. The project is sponsored by the Lancaster Conservation District and funded by CETA.



Creeping vines, such as honeysuckle, can wind around a tree and choke it to death. By removing the lower branches and the vines, the men are giving the conifer trees a better chance at survival.



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228 Dtrs Avg Age Ad Score 81 0
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100 327d 2X 20 710 41% 848
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Daughter**

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**JET STREAM
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Six state no-till meeting set for January 4

COLLEGE PARK, Md. - Some new twists on weed control measures that work, modern concepts of soil erosion containment, and a report on solar grain drying in northern climates will

highlight the morning session at next month's fifth annual Mid-Atlantic No-Tillage Growers Convention. The event is scheduled January 4, 1979, at the Host Farm Resort, located five

miles east of Lancaster, Pa., on U.S. Highway 30. It will run from 9 a.m. to 3:30 p.m., with the speakers program getting under way at 10 o'clock in the Cabaret Theatre.

Sponsoring organizations include the Cooperative Extension Service at land-grant universities in Delaware, Maryland, New Jersey, Pennsylvania, Virginia and West Virginia.

Financial support again is being provided by interested agribusiness firms.

Three farmers and three Extension specialists will combine forces for a panel

discussion on "Beating the Weeds in '79."

The Maryland farmer panelist is J. Thomas Kelley III of Germantown. Pennsylvania farmers on the panel will include Nicholas Cihlylik of Treichlers, and R. Wayne Harpster of Spruce Creek.

Participating educators include Allan H. Kates of Blackburg, Va., Extension weed control specialist since 1956 at Virginia Polytechnic Institute and State University. A graduate of Rutgers, Kates was associated with some of the earliest no-till research work in the nation at VPI during the early 1960s.

Representing Penn State are Donald R. Daum, Extension agricultural engineer, and Dr. Willis L. McClellan, Extension weed control specialist. Panel moderator will be John Z. Shearer of Chambersburg, Extension agricultural agent in Franklin County, Pa.

Prior to the weed control panel, Dr. R. Vance Morey, research agricultural engineer at the University of Minnesota, will give an "Evaluation of Solar Grain Drying." Dr. Jon K. Hall, research agronomist at Penn State, will lead off the morning program with the topic, "Keeping the Soil on Your Farm."

The afternoon program will feature an all-Pennsylvania cast of Penn State Extension specialists, research workers and county agricultural agents.

In addition, there will be educational and commercial exhibits prepared by participating land-grant universities and 27 agribusiness sponsors - a record number for this meeting. Most of the displays will be located in the exhibit hall at Host Farm Resort. A few large pieces of no-till farm equipment will be on view outside in the parking lot.

Some 1,200 farmers and agribusinessmen are expected to attend. Tickets for the noon luncheon should be purchased in advance from county Extension offices in the six participating states. Deadline for ticket purchase is Dec 22.

General chairman for the 1979 no-till conference is John H. Schwartz, Gettysburg Extension agricultural agent in Adams County, Pa.

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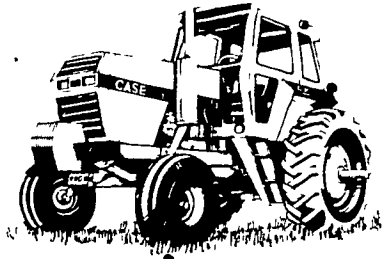
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Watershed

(Continued from Page 94)

one group of workers were working at the New Holland borough watershed.

There they have worked on about 20 acres of the total 2300 of the watershed. On that 20 acres they have removed about 150 tons of wood. They have also cleaned out some bramble and brush areas around a small reservoir, and using fence posts they had made from locust trees they had cut, were working on making a fence around that reservoir.

That group had also worked for the Akron borough, in that watershed, and for the Ephrata borough.

The work is hard physical labor, with the crew entering areas that have been allowed to grow wild. Often, they stated, when they first start to work, they can only see a few feet ahead of them, due to the denseness of the trees and brush.

First they chop off all the lower branches of the conifer trees, removing them to about a six foot height. This makes it easier for the maintenance crews to mow under the trees and also makes a healthier looking tree.

Low branches are easy prey to winding vines such as honeysuckle which can choke a tree. By removing the lower branches, and any honeysuckle which may be climbing the evergreens, the crews are giving the trees a better chance at survival.

Foreman of the New Holland crew is Jeff Stauffer, Ephrata.

The other crew involved in the project is working at the Chester Water Authority, located about six miles from Quarryville. There too the men are involved in working with the conifer plantations of Norway spruce, white pine, Austrian pine, and larch trees.

That watershed has a total of 3000 acres in it, but Breneisen stated that his men have been able to only touch about 50 acres.

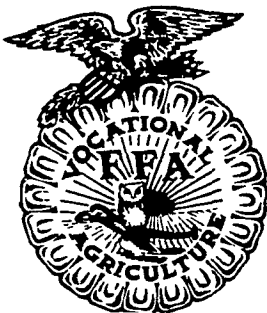
The men again are busy removing hardwoods, thinning the conifer trees, and generally practicing good tree management methods in the area.

Foreman of the Chester Water Authority crew is Roger Kilby, New Providence.

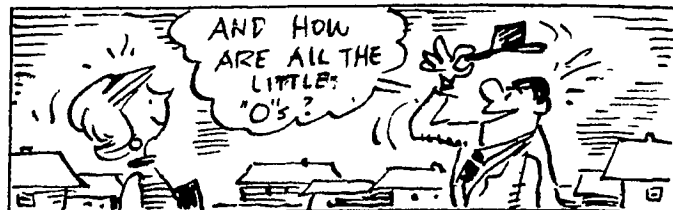
"This project has enough work that it could go on for years," Breneisen noted. "Unfortunately, the funding runs out on February 28 of 1979," he added that he thought it was doubtful that the project would be extended.

"We've got a lot accomplished," he added. "But there is quite a bit more that needs to be done."

See Picture
(Turn to Page 97)



Roger Kilby, foreman at the Chester Water Authority project, works at removing some of the branches from one of the trees planted on the 3000 acres.



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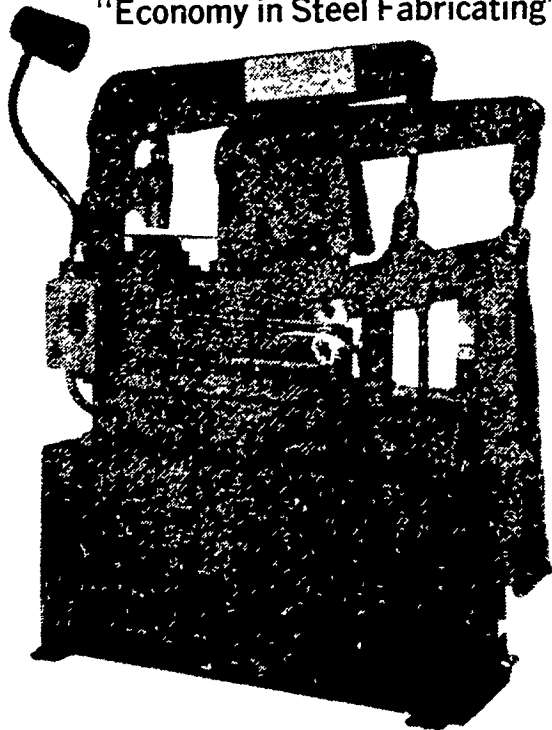
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26 Dtrs w/5hm 81.3 82.3
3 Dams w/5hm 82.7 83.5
PDT (34% Repty.) + 16, TPI +297

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Vegetable conference to be held February 6-8

HERSHEY - The Hershey Convention Center will again be the site of the 1979 Pennsylvania Vegetable Conference and Trade Show February 6 to 8.

It is being tri-sponsored by the Extension and Research Divisions of Penn State College of Agriculture; the Pennsylvania Vegetable Growers Association, says Burton Hetherington of Berwick, overall conference chairman.

The State Horticultural Association of Pennsylvania; the Maryland and New Jersey Horticultural Societies; and the Pennsylvania Grape and Wine Producers will also be holding concurrent meetings at the same facility. Trade exhibits and two evening social hours will be shared by all groups.

Approximately 100 exhibit spaces are being rented to interested industries.

Tuesday morning's program will include discussions by growers, researchers and industry people on weed control and varieties in tomatoes. Tuesday afternoon's session will be devoted to discussions on control of plant diseases, liming and fertilizing, and environmental limitations to land disposal of vegetable wastes.

Some topics to be

discussed Wednesday morning are pitfalls in producing dry beans and disease control programs for snap beans, muskmelons and cabbage.

Also during Wednesday, vegetable growers will join fruit grower and grape grower groups to hear an address by Robert Bergland, Secretary, U.S. Department of Agriculture.

Wednesday afternoon's session will begin with a discussion of new vegetable varieties led by Dr. Peter A. Ferretti, Extension vegetable specialist at Penn State and chairman of the speaker's program for the meeting. This will be followed by panel discussions on controlling sweet corn insect problems; and energy conservation in greenhouses. Post harvest

handling and drip irrigation will also be topics discussed during the afternoon.

Thursday, the last day of the three-day meeting will be known as Small Fruit Day and is being sponsored as a joint effort of the Pennsylvania Vegetable Growers Association along with the State Horticultural Association of Pa; the Horticultural Societies of Maryland and New Jersey, and the North American Strawberry Growers Association.

Topics discussed will include: strawberry deformities and the cause; what's wrong with my strawberry plant; frost control; mist cooling for strawberries; and making new plants from bits and pieces.

Also a strawberry fertility

and herbicide program; pollination in small fruits; growing blackcaps; lime-sulphur for brambles; and blueberry culture.

Women are encouraged to participate in all daytime and evening Conference sessions and events. This includes all banquets and luncheons and the free social hours, wine and cheese party, and the dance.

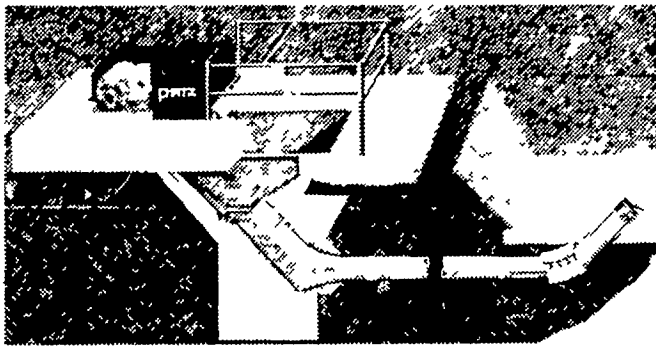
David Zacherl, Shippenville, President of the Vegetable Growers Association, suggests interested persons may contact their County Cooperative Extension Office (county agent) for a detailed copy of the program.

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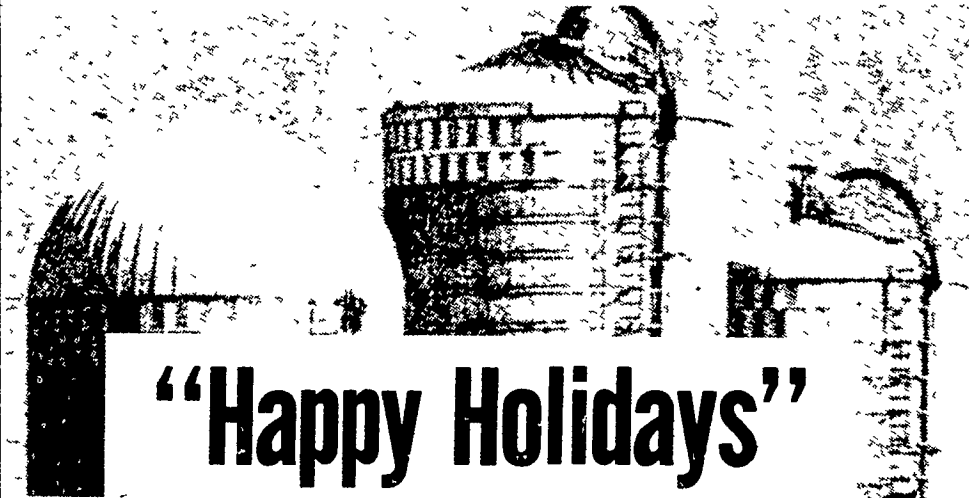
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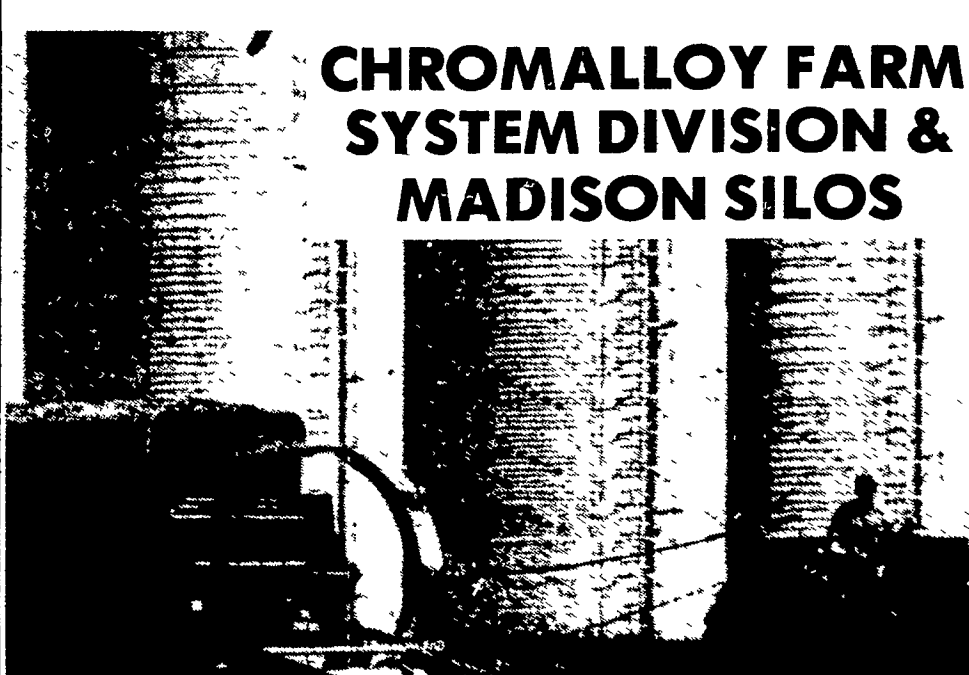
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Adams Co. DHIA completes best year on record

GETTYSBURG -- "In completing their 50th annual year of officially supervised production testing, Adams County dairymen who are members of the Adams County Dairy Herd Improvement Association completed their best year on record" said Thomas E. Piper, county Extension director for Penn State when he presented a summary of the year's test at the association's annual awards banquet. The banquet was held December 7, in the Community Firehall at Barlow President Wayne Rodgers presided at the meeting.

In distributing the summary report for the testing year ending September 30, 1978, Piper recalled that the Association had its first herd to average over 700 pounds of butterfat of 1977 but had closed out 1978 with five herds in this prestigious class. In addition, the 52 herds with 3,122 cows on test was the largest number in the associations' history.

The county herds he said produced an average of 14,890 pounds of milk and 568 pounds of butterfat during the year, an increase of 703 pounds of milk and 23 pounds of butterfat over the prior year.

Piper noted that "the Pen-Mar Farm owned by Earl Noel of McSherrystown and managed by Claude Holmes was the county leader with production which averaged 19,253 pounds of milk and 779 pounds of butterfat on a 60-cow herd. He was followed by the El Rho Farm of Mr. and Mrs. Eldon Baum at Abbottstown R1, whose 35-

cow herd produced an average of 19,443 pounds of milk and 749 pounds of butterfat. In third place, the Yellow Buttercup Farm of Mr. and Mrs. Larry Mum-mert at East Berlin R2, with 98 cows produced an average of 19,134 pounds of milk and 733 pounds of butterfat. Kling Ayr Farms, fourth place herd of 39 cows owned by Mr. and Mrs. Charles Klinger of New Oxford R2, produced an average of 19,237 pounds of milk and 721 pounds of butterfat. Stoner Brothers Dairy at East Berlin R2, averaged 705 pounds of butterfat and 18,034 pounds of milk with a herd of 49 cows and placed fifth.

A record twelve additional herds produced in excess of 600 pounds of butterfat and made a significant contribution in boosting the county's overall record. Weim Sharr Farms of New Oxford R2, placed sixth with 89 cows producing 18,455 pounds of milk and 686 pounds of butterfat. In seventh place, Oscar Winters, Hanover R5, averaged 17,980 pounds of milk and 672 pounds of milk with a 20-cow herd. Roy A. Weaner, Jr., Gettysburg R6, ranked eighth when his 51 cow herd produced an average of 16,697 pounds of milk and 669 pounds of butterfat. The William Myers' herd of 36 cows at R. D. 3, Littlestown produced 16,788 pounds of milk, 644 pounds of butterfat and ranked ninth. In tenth place, the Leroy Deputy herd of 88 cows at R.D. 1, East Berlin averaged 18,294 pounds of milk and 639 pounds of butterfat.

Other herds which produced in excess of 600 pounds of butterfat as follows: Milton R. Hoffman, Gettysburg R7, at 625 pounds of butterfat; Eugene Witter, Gardners R1, 619 pounds; Brown Valley Farm, Littlestown R3, 618 pounds; James E. Miller, R4, New Oxford, 612 pounds; Glenn Lappy, Littlestown R1, 607 pounds; Mervin K. Myers, Littlestown R2, 606 pounds and Jonas Beiler, Littlestown R1, 605 pounds of butterfat.

An additional 26 herds produced from 500 to 600 pounds and nine herds averaged between 400 and 500 pounds.

Trophies were awarded to the top three herds. Stoner Brothers Dairy received the trophies for the cow with the highest lifetime production of milk and butterfat. "Carol" was a repeat winner having now produced a total of 204,438 pounds of milk and 8,646 pounds of butterfat in twelve lactations.

Weim Sharr Farms, New Oxford R2, owned by D.H. Sharrar and Sons and farmed by Stanley Weimer and Sons garnered the trophies for the cow with the highest milk and butterfat record completed during the year. Their cow identified as "64" produced 31,312 pounds of milk and 1,153 pounds of butterfat during a 305-day lactation to win both awards.

Among individual high cow records based on butterfat, Weim Sharr Farms had a cow tied for fourth place, two tied for sixth place, one tied for eighth place and another in ninth

place. In this ranking, El Rho Farm, R1, Abbottstown, was second; Noel and Holmes, Hanover R1, was third and tied for fourth; Leroy Deputy, East Berlin R1, was seventh; Yellow-Buttercup Farm, East, was tied for ninth and William Inskip, East Berlin R2, ranked tenth. All these records exceeded 1000 pounds of butterfat.

Weim Sharr Farms won an equally large number of honors among the top ten cows based upon milk production in one 305-day lactation. In addition to first place, this herd had cows which ranked second, fourth, fifth, and ninth. Glenn and Janet Lappy, Littlestown R1, were owners of the cow in

third and eighth place; Noel and Holmes, Hanover R1, ranked sixth; El Rho Farms ranked seventh and a cow owned by Penn Gate Farm, Littlestown R2, placed tenth. All these records exceeded 25,000 pounds of milk.

The trophy for the herd achieving the greatest improvement in the herd average for the year, based on butterfat production, went to El Rho Farm, Abbottstown R1. Their herd average climbed from 570 pounds to 749 pounds, an increase of 179 pounds. Following in second place was Shamrock Farm, York Springs R1, with 120 pounds. Wilkinson and Reynolds, Biglerville R1, third with 112; Mervin K. Myers,

Littlestown R2, fourth with 91; Jonas M. Beiler, Littlestown R1, fifth with 87; John J. Hess, Gettysburg R5, sixth with 83; Kling Ayr Farm, New Oxford R2, seventh with 73; Stoner Brothers, East Berlin and Richard Herr, Gettysburg R5, tied for eighth place with 66 pounds; Yellow-Buttercup, East Berlin R2, ninth with 64 pounds and tied for tenth place at 61 pounds increase - Pleasant Acres Farm of Harold King, York Springs R1 and his neighbor Guy Tanger, York Springs R2.

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- Certified Williams yielded 56.5 b/a
- Selected Williams yielded 50.2 b/a

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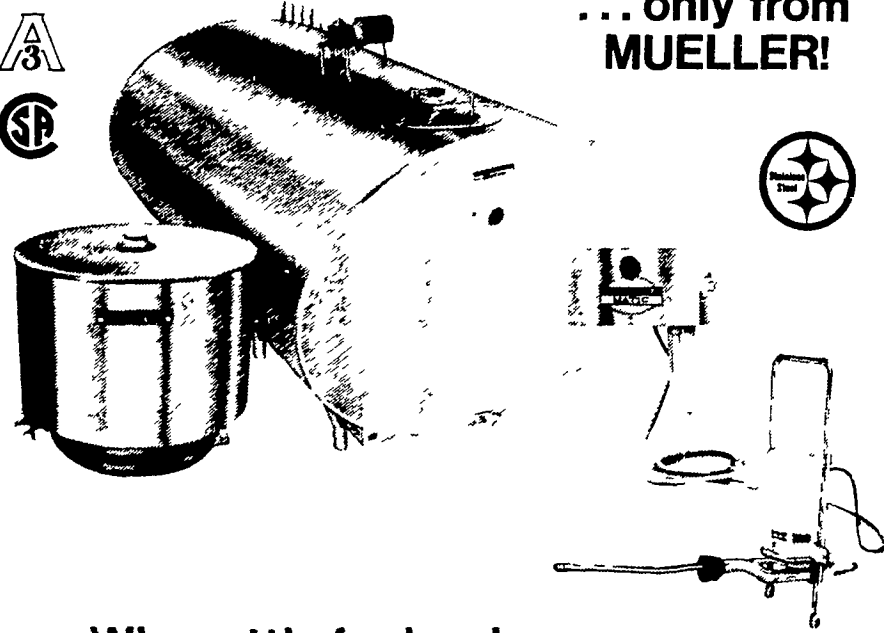
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Deer blamed for lack of forest development

HARRISBURG-- The Game Commission is hoping that there will be a good harvest in farm and forest areas suffering from damage by deer during the two-day antlerless season yesterday and today, December 15 and 16.

In some sections of Pennsylvania, there has been extensive damage to forests and farm crops by deer. Game managers urge hunters to help alleviate forestry and agricultural losses by hunting and taking whitetails in those areas where property owners seek relief.

The antlerless deer hunting system currently

employed in the state has worked over the years in keeping the whitetail herd under control on a county-wide basis. Game managers have learned how many licenses need to be issued in each county to harvest a predetermined number of antlerless whitetails.

However, within a county there can sometimes be areas of deer overpopulation, while other sections may show a shortage of deer, mainly because hunting pressures cannot be controlled in particular units within the geographical confines of the county.

In the big woods country where there are lots of deer

camped that serve as magnets for hunters, the pressure and resultant harvest help to keep damage at a lower level near the camps. However, remote forested areas far from deer hunting camps and roads often show heavy concentrations of malnourished deer and extensive overbrowsing of the range, sometimes to the extent that forest regeneration cannot take place.

But farm areas are different and don't fit in with traditional hunting patterns. Often there aren't centers from which hunters venture forth, and hunters are prone to visit the convenient sites

rather than areas that need greater harvest.

Hunters in agricultural areas do little whitetail hunting in the manner known as driving. As a result, the harvest rate may be lower, and the subsequent crop damage suffered by the farmer may be severe.

During the two weeks of buck season, hunting pressure drives deer into heavy cover, away from forests roads and farm fields where browsing and crop damage are heavy and where deer removal should be increased.

The five-day "rest" period between the antlered and antlerless seasons hopefully

will bring more whitetails out of the thick cover. If they are more accessible to hunters, there hopefully will be a more uniformly-distributed harvest.

This is the second year of the experimental Friday-Saturday antlerless deer season. Results of the Friday-Saturday hunt vs. the traditional Monday-Tuesday setup will continue to be evaluated following the season.

By scheduling the antlerless season on Friday and Saturday with no provision for an extension of the season in case of bad

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By scheduling the antlerless season on Friday and Saturday with no provision for an extension of the season in case of bad weather or inadequate harvest, the Game Commission has eliminated any possible confusion this year over whether or not there will be any more days for antlerless hunting. There will not be additional antlerless deer hunting days after December 16.



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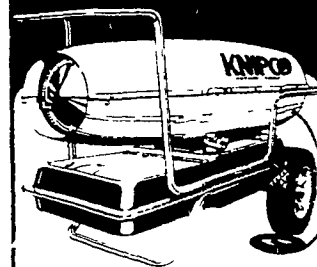


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Berks County 4-H horse clubs hold banquet

By LAUREL SCHAEFFER
Staff Correspondent

KUTZTOWN-The Highriders 4-H Horse and Pony Club seemed to take all of the honors during the first annual Berks County 4-H Horse banquet held December 8 at the Kutztown Grange.

Four members from the Highriders were awarded outstanding 4-H horse member plaques as the eight community clubs gathered to celebrate their first county-wide banquet. Receiving the awards were two sisters, Michelle and Cindy Swavely, daughters of

Mr. and Mrs. Leon Swavely, Barto, who were chosen as the outstanding junior and senior girls; Scott Pritchard, the son of Mr. and Mrs. Scott Pritchard, Boyertown; chosen as the outstanding junior boy; and Ronald Thaler, son of Mr. and Mrs. Alois Thaler, Boyertown; the outstanding senior boy, all members of this Southern Berks Horse Club.

Eighteen year old Thaler was also recognized for his accomplishments in the Horse Bowl, Horse Judging, and the Eastern National Junior Horseman Contest. Twelve year old Michelle

also participated in the horse judging and was a finalist in the State 4-H Horse Show along with her nineteen year old sister, Cindy.

Other 4-Hers recognized as outstanding members of their clubs were: Antietam Hoofbeats - Pam Imes, Fleetwood; Kerry Schwoyer, Fleetwood; Felicia Bauer, Reading; and Steve Imes, Fleetwood. Crystal Springs Rough Rider - Frances Grow, Kutztown; Jeff Bennicoff, Kutztown; Christ Host, Fleetwood; William Snyder, Kutztown. Exeter Pony Pals - Beth Ann Dorwood, St. Lawrence;

Kathy Nolf, Birdsboro. Mohnton Light Horse and Pony, Harold Hill, Mohnton: Ann Kramer, Mohnton. North Berks Equestrian - Tracey Picus, Wescosville; Patti Ferguson, Kutztown, Oley Saddle-ites - Shelly Moser, Oley; Gerald Mast, and Betsy Bortz, both of

Oley; and James Radwanski, Reading. Trailblazers - Betsy Heist, Sinking Spring, and Meg Allen Shoemakersville.

Judges were Maria Campomizzi, Bucks County 4-H leader, Bill Hughes of American Bank, Reading, and Charles Suloff, field

Representative of Berks-Lehigh Production Credit.

Suloff also was the guest speaker of the evening, highlighting the development of the 4-H Horse program in Berks County. A slide presentation entitled "4-H for Everyone" was also shown.

Farmers score in corn yield program

LANCASTER - Ronald Carper, Lancaster, and Paul Weidler, Elizabethtown, have both placed high in the local Project:200 corn growing program. Carper's yield was 153.9 bushels per acre, and Weidler's yield was 137.3 bushels per acre.

Carper used Funk's G-4606 in his high yielding plot. His fertility program consisted of 189 pounds nitrogen, 75

pounds phosphorous and 112 pounds potash. He used AAtrex-Lasso for weed control. The crop was planted on May 3 in 30-inch rows. The yield was adjusted to 15.5 per cent moisture.

Weidler used Funk's G-4636 in his high yielding plot. His fertility program consisted of 14 pounds nitrogen, 57 pounds phosphorous and 28 pounds potash. He used

Lasso-atrazine for weed control. The crop was planted on June 3 in 30-inch rows. The yield was adjusted to 15.5 per cent moisture.

Project:200 is a regional corn growing program sponsored by The Producers of Funk's G-Hybrids.

Stuffing Celery

Stuff celery with a mixture of cottage cheese, blue cheese onion and tabasco



Outstanding 4-H horse club members in Berks County included Scott Pritchard, Michelle Swavely, Cindy Swavely, and Ronald Thaler.

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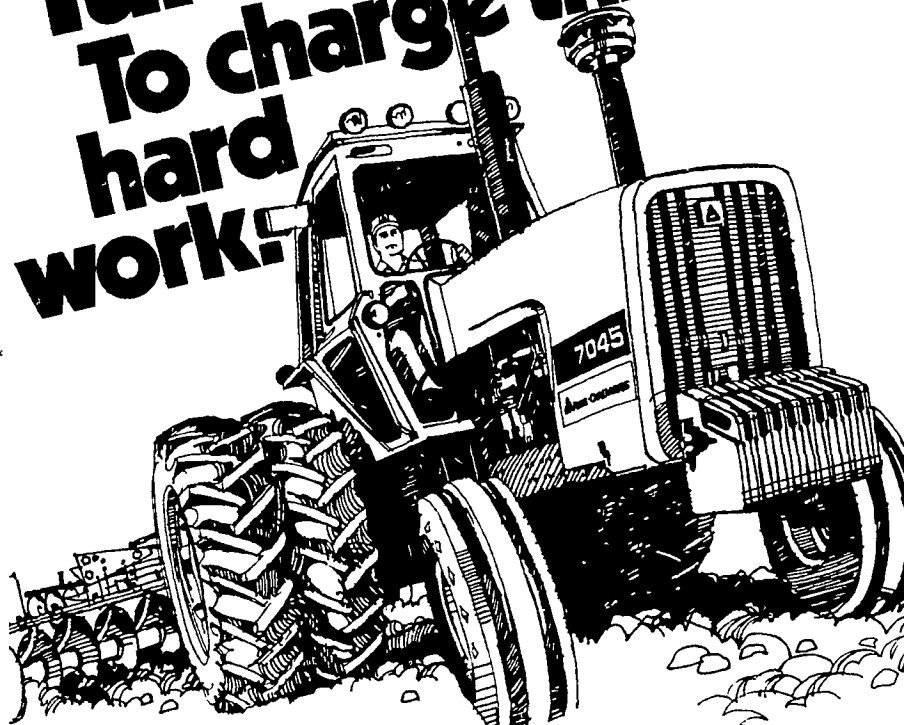
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Green plants are a unique holiday gift

UNIVERSITY PARK — Today, many blooming varieties of plants are given as Christmas gifts. The beauty and health of these plants can be considerably lengthened by following some basic care guidelines.

Over-watering will kill most any plant because the moisture depletes oxygen in the soil. If a foil or cellophane wrap covers the pot, punch a hole in the bottom to allow the water to drain through. A good method for watering decorated plants is to remove the wrap and water in the kitchen sink. Allow the water to drip through the bottom and then replace the

wrap. Poor lighting will cause the leaves to yellow and the flowers to quickly die. If the temperature in your home is hot and dry, it, too, will shorten the life of a flowering plant. In general, the plants should be placed where the temperature is 65 to 68 degrees F. during the day. The air circulation should be good but not drafty.

Poinsettias

Drafts, sudden temperature changes, low humidity or improper watering will cause the leaves to drop and blossoms to wither. Once the poinsettia is past the flowering stage, gradually withhold

water. Cut it back to four or five inches above the soil in the spring. When the danger of frost is past, sink the pot in a sunny, well-drained area of the garden. Apply fertilizer every two weeks. Before the first autumn frost, place indoors in a sunny window. To insure proper color and bloom, be sure it has enough sun. The shorter fall days will trigger the blooming.

Azaleas

To sustain Azalea blooms, place the plant in a bright window and keep the soil moist. The window should not be too hot, however. A warm, dry atmosphere will make the plant bloom quickly and wither just as

fast. After flowering ceases, keep the plant in a cool, sunny location, water it frequently and fertilize it twice a month with half strength, water soluble house plant fertilizer. Acid evergreen plant food helps maintain necessary soil acidity. The foliage will remain shapely if you pinch tips of new shoots. The plant may be potted in a shady spot in the summer garden. It should bloom intermittently throughout the year, peaking during mid-winter.

Christmas Cactus

A temperamental plant, the Christmas cactus should be kept on the dry side until

it blooms. While it blooms, give it a normal amount of water and cut back again when the blossoms wither. Many people do not have success with this plant because they water it too much. It should have at least two periods each year when water is partially withheld.

Cyclamen

Cool dry temperatures with an eastern exposure, maximum light and night temperatures of 50-60 degrees will keep the cyclamen in bloom. When watering, do not get the leaves wet. Nothing will kill the cyclamen faster than high night temperatures, a dry soil and low light intensity.

Once the plant has ceased blooming, keep it dry until June, then repot the corm (the bulb-like formation) half-way into a pot of fresh soil, sink the pot into a shady garden, fertilize monthly with a 10-10-10 solution and move indoors before the first frost.

Jerusalem Cherry

To keep the small round fruit of the Jerusalem cherry a brilliant red, give it bright light and keep it in 50 degrees temperatures at night. The soil should be moist.

Kalanchoe

Kalanchoe plants need bright light or full sunshine and a warm location. Once blooming has ceased, pinch off the withered flowers, fertilize monthly and keep the soil constantly moist. It may bloom again in late winter.

Christmas Pepper

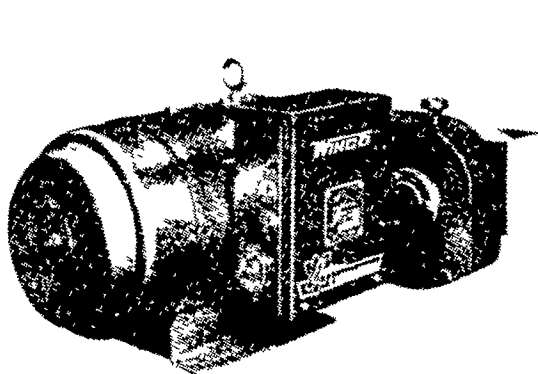
The Christmas pepper often loses its leaves and fruit due to insufficient watering, hot temperatures or a combination of the two. Place it in a location with good lighting and cool temperatures.

Begonias

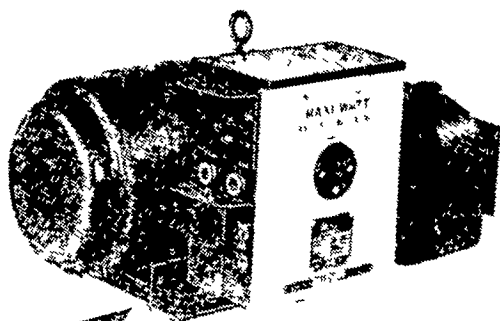
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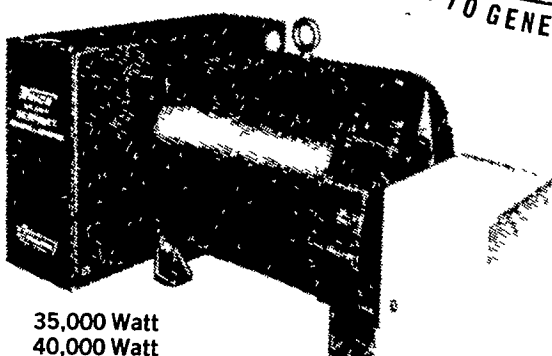
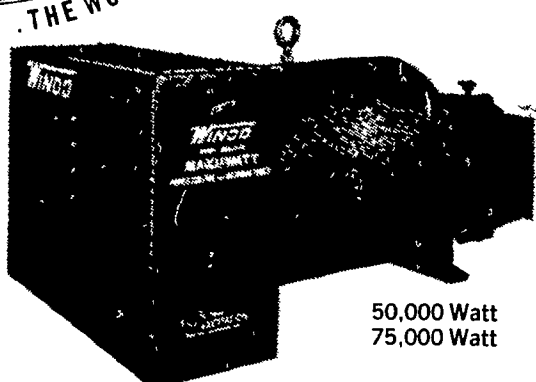
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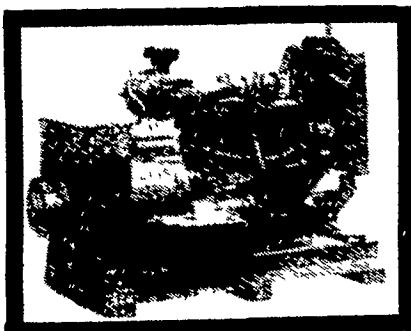
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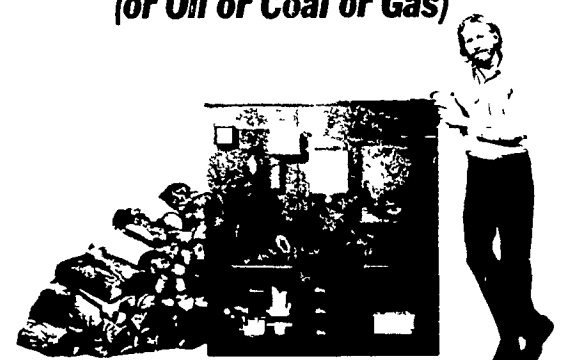


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Farmers recognized at Berks Co. DHIA banquet

By LAUREL SCHAEFFER
Staff Correspondent

BERNVILLE—Berks County dairymen celebrated their 49th year on DHIA test December 8, as more than 320 people gathered at Tulpehocken High School for the occasion. This year the county had six herds averaging over 700 pounds butterfat and seven herds producing over 19,000 pounds milk.

With 149 whole year herds and 22 owner-sampler herds, the county average for 9,517 cows on test was 14,772

pounds milk and 552 pounds fat. Leading the way in butterfat production was Junge Farms under the care of Ray Moyer, New Tripoli. Moyer's herd averaging 36.2 cows on test produced 750 pounds fat and 19,958 pounds milk.

Producing 20,042 pounds milk for the top herd average in the county was Andrew Stoltzfus, Morgantown. Stoltzfus also had the highest individual cow for fat production in a four year old named Maxine. This cow produced 29,674

pounds milk and 1120 pounds butterfat.

The Stoltzfus herd averaging 89.3 cows on test had a fat production of 731 pounds. Three cows exceeded the 1,000 pound mark while a fourth reached 996 pounds. Stoltzfus also had eight cows producing over 26,000 pounds of milk, all of which were in the top twenty-five cows in milk production in the County Association.

Also honored for having the highest individual cow in milk production was Ray

Bicksler, Richland. Bicksler's cow, Gail, produced 32,182 pounds of milk and 1,099 pounds of fat as a five year old. This herd ranked sixth in overall fat production with an average of 701 pounds and 19,454 pounds of milk produced.

Other herds producing over 700 pounds of fat were; Charles Plushanski, Kutztown, with a production record of 19,060 milk and 747 pounds fat; Robert Kopfer, Fleetwood with 18,357 pounds milk and 719 pounds fat; and Charles Kissling Robeson, whose herd produced 18,335 pounds of milk and 717 pounds of fat.

Jim Haldeman, Berks County Extension agent urged the DHIA members to convince their neighbors to

join the Dairy Herd Improvement Association, stating that less than 50 per cent of the county herds are presently enrolled in the program. Haldeman also reminded the dairymen of other meetings scheduled including a milking school March 7 and 8, and a forage work shop scheduled for February 20, 22, 27 and March 1.

Teresa Wolfskill, Berks County Dairy Princess also addressed the meeting and performed the skit she did during the State Dairy Princess Pageant held last Summer, entitled Bossy's Hotline-Everything You Always Wanted to Know About Milk.

Dennis Manbeck, Robeson, presented a slide

presentation of a trip to New Zealand he had taken last year sponsored by the International Rotary Clubs to help promote fellowship between the two countries. Manbeck, accompanied with four other Americans representing different occupations, was the first person selected from an agricultural field. He noted that New Zealand's largest industry is agriculture and featured slides depicting the dairy industry there. There cows are feed almost entirely on grass and get very little, if any grain. Milking parlors are housed in sheds and barns are seldom used because of the mild climate.

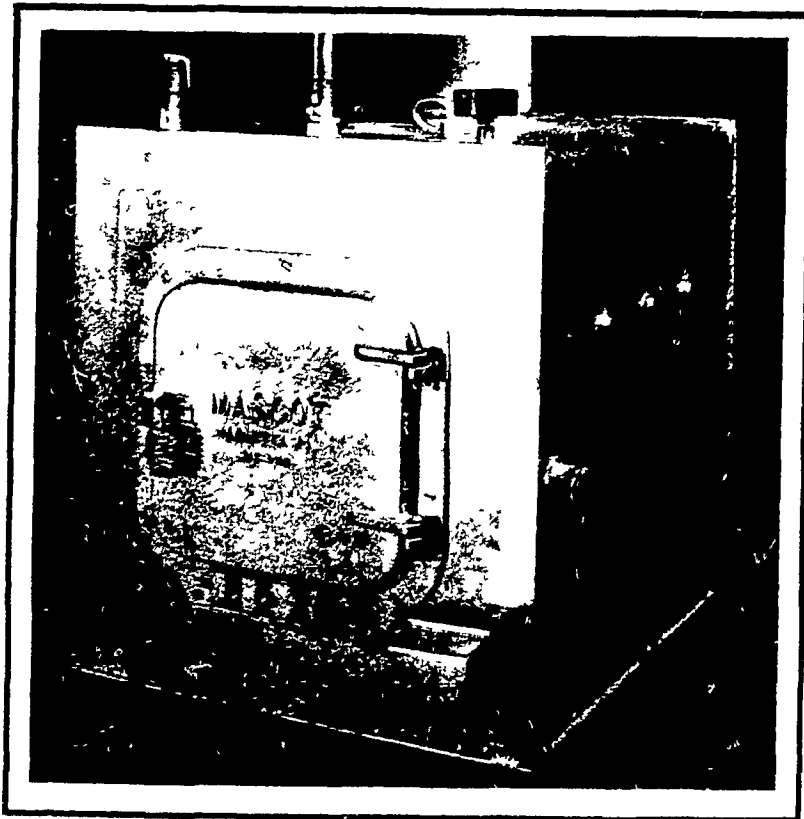


have a
nice weekend...



Elwood Ohlinger, director, presented awards to Ray Moyer, New Tripoli, high herd for butterfat at 750 pounds; Andrew Stoltzfus, Morgantown, high herd for milk production at 20,442 pounds and high individual cow for milk production at 32,182 pounds.

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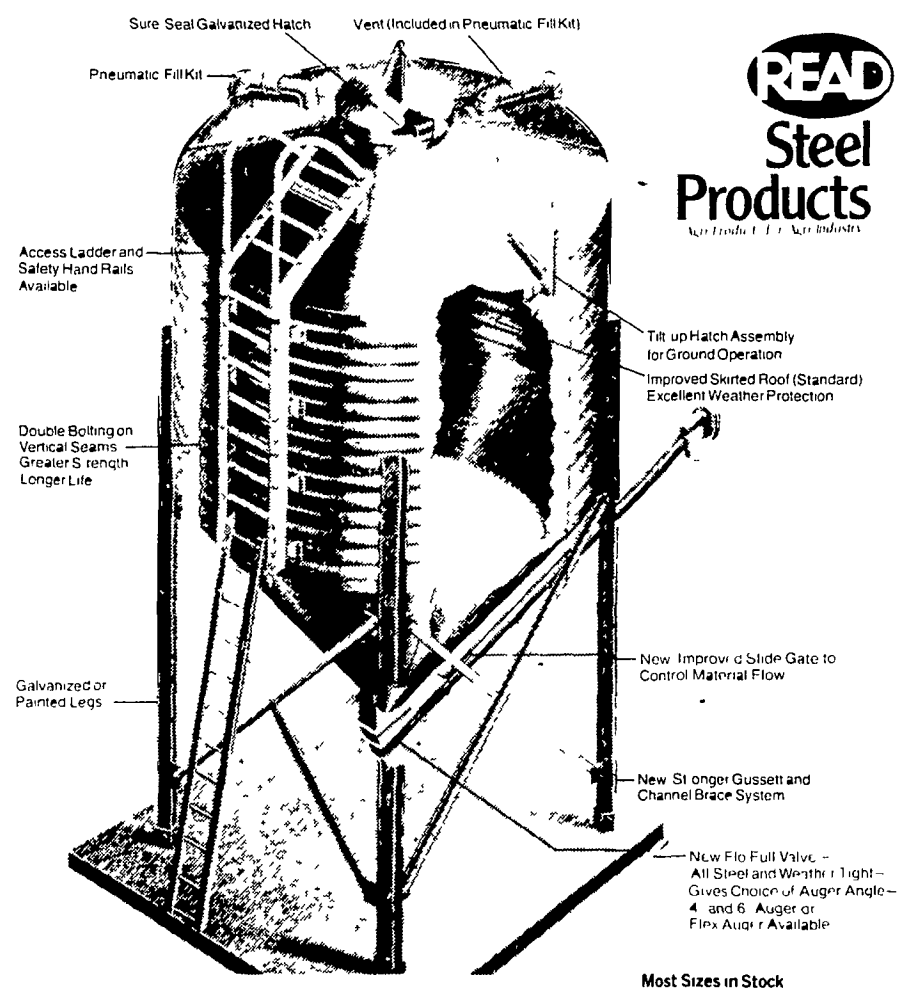


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PSU places 7th in national livestock judging

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The top ten teams were Purdue University, Iowa State University, University of Illinois, Virginia Polytechnic Institute, South Dakota State University, Kansas State University, Penn State University, California State Polytechnic, Mississippi State University, and the University of Missouri.

The team coach is Dr. Erskine H. Cash, assisted by Mark L. Wahlberg and Dan Loy, graduate students.

Alternate was Tim Livingston of Dover.



Penn State's 1978 Livestock Judging Team, ranked 7th nationally, included, left to right, standing, Dr. Erskine H. Cash, coach; Ken L. Winebark of Rochester Mills, Tim Livingston of

Dover, and Kim M. Horning of Mifflintown. Seated, left to right, Terry K. Coon of Clinton, Cheryl A. Moran of Corapolis, and Ginger K. Stokes of Westtown.

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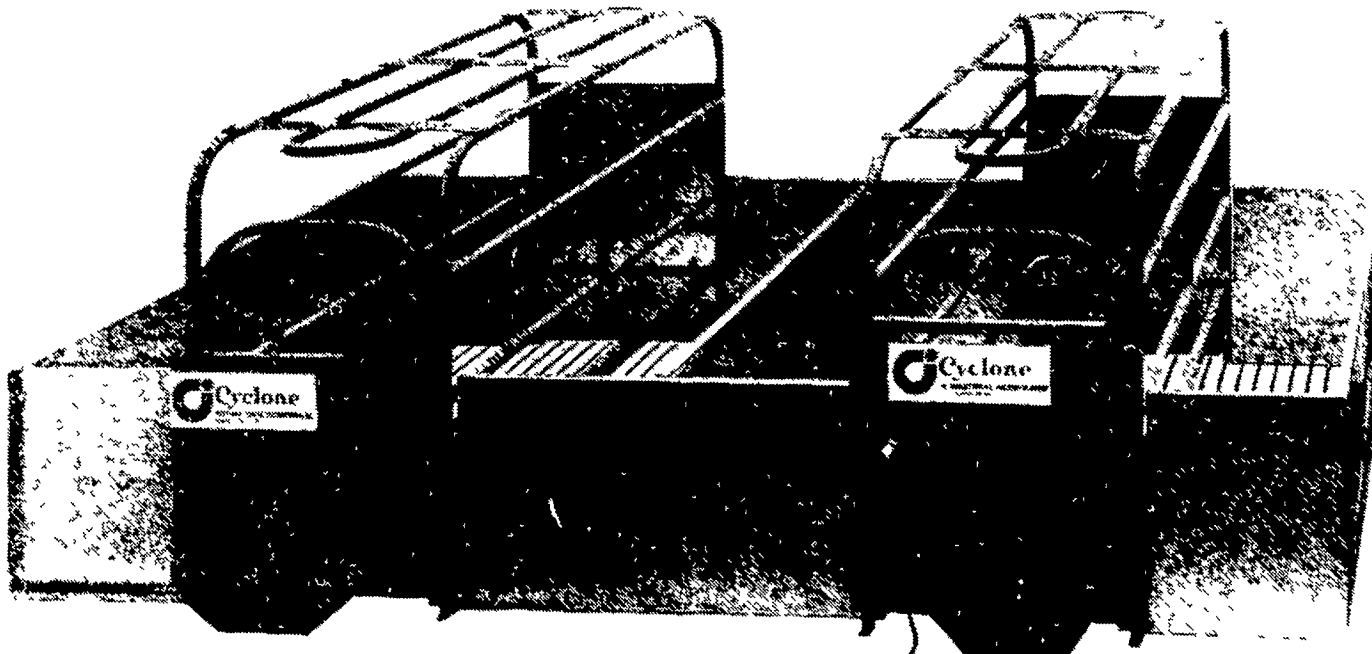
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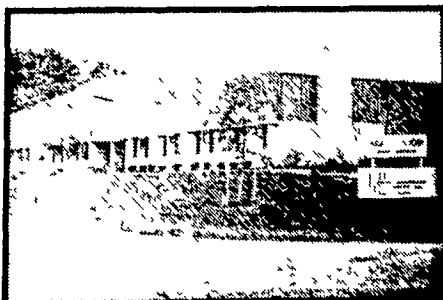
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MANHEIM - The Red Rose Equestrian Club will hold a Christmas party at the December 19 meeting for members and for anyone who may be interested in the club and its activities.

Plans for the coming year include a speaker on insurance in January; head farrier from the New Bolton Center, Mr. R.J. Charles, as a speaker for the February meeting; and, in March the films "The Proud Breed" and "The Cochran Hunt" will be shown.

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Bergland notes ag products' value in world trade

WASHINGTON — The United States has become increasingly important as a source of food and fiber as world consumption has increased due to population and economic growth over the past 25 years, according to Bob Bergland, Secretary of Agriculture. He made the comment speaking before the Foreign Agricultural Attaches luncheon in Washington D.C.

The value of world trade in agricultural products has grown by more than five times in that period. At the same time, the U.S. share of that trade has increased by a third — to about 16 per cent.

Projections through 1985 indicate this U.S. role will continue, he noted. The U.S. will continue to produce at least one-fifth of the world's grain, over one-third of the world's commercial output of meat, and about half the world's commercial production of oilmeal. The U.S. share of the world's grain and oilmeal exports is likely to range from 50 to 60 per cent.

This year, a record world grain crop is virtually assured. But demand continues strong. Given the large world supplies, he expects the U.S. export volume of major commodities will change little from last year's record, but higher prices could push the value up to about \$29 billion.

Weather in the grain and soybean regions of the southern hemisphere will largely determine whether the U.S. comes out on the low side (\$26 billion) or the high side (\$32 billion) of the export forecast.

For the future, Bergland expects the greatest growth in food demand and U.S. exports to be in the developing countries, which now take about 30 per cent of the

agricultural exports. In these countries, increased consumer income goes to buy more and better food, whereas demand changed in developed countries are apt to be from one type of quality food to another.

The centrally-planned economies now take about 10 per cent of the U.S.'s agricultural exports. These countries likewise are becoming increasingly important markets for feed grains and oilseeds as those governments try to fulfill consumer hopes for better diets.

A new and still somewhat enigmatic factor in this group of countries is Red China. Red China returned to the U.S. market for grains to some extent last year, and they have stepped up buying in the current marketing year. As of late November, current-year U.S. sales to them had reached 3.1 million tons of wheat and 2.3 million tons of corn, plus 360,000 bales of cotton, and some soybeans and soybean oil.

Bergland's visit to Red China convinced him that they are serious in wanting to modernize their agriculture. If they do, Red China could become a significant factor in the agricultural trade of the United States and of the world.

U.S. domestic agricultural policies are predicated on exports. The export market is essential for an agricultural system capable of producing far beyond domestic needs.

The United States is relatively new at agricultural export promotion. The U.S. have been actively and specifically promoting agricultural exports for only about 25 years, in contrast to many other countries who have been export-minded for much longer.

Export promotion pro-

grams are, in essence, efforts to stimulate foreign demand for products that the U.S. can supply. The U.S. are willing to compete fairly with other suppliers to fill that demand on the basis of availability, quality, price and service.

The administration places a premium on supply dependability as basic to long-term export success. It has taken steps to assure that reserve stocks will be

available should crops fall short. And President Carter has pledged that the United States will never impose agricultural export controls short of a national emergency.

Quality is viewed as equally essential to solid export growth. The Congress and the administration have acted to correct defects that may have caused quality problems in the past. They are determined to produce

and export only quality products, Bergland continued.

For the future, our market development objectives are to maintain and expand demand for U.S. products in traditional markets and to develop and fill demand in emerging markets.

The opportunities for expansion are greatest in the developing countries. With three-fourths of the world population and incomes that

are rising in most, they have a tremendous potential for growth.

World demand for agricultural commodities will continue to rise. It is his belief that a world system in which trade can move relatively free in response to market forces offers the most efficient use of the world's agricultural resources — which are not infinite — in meeting that demand.

Nylon tow ropes can be dangerous

NEWARK, Del. — Nylon ropes are popular because they are lighter and absorb more energy than ordinary ropes and chains, says Delaware Extension farm safety specialist Ronald C. Jester. As a matter of fact, one-inch nylon ropes are rated for 25,000 pounds, and 1½-inch ropes will top 60,000 pounds. These rated capacities make them suitable for use with farm tractors, but one must use them with extreme care.

Using as running start with the towing vehicle, the rope stretches like a spring and the recoil provides extra pull to dislodge stuck vehicles, dead tree stumps, or heavy stationary loads. This extra pull or "umph" can cause a serious accident if one is not extremely careful, Jester warns. A Nebraska man was killed while using a 1½-inch nylon tow rope to pull an earth mover with a tractor. The rope separated and brought along a piece of chain that

Hikers

Hikers and backpackers need at least 1,000 more calories per day over their normal food intake when they're out on the trail. Pack nutritious foods with as little weight as possible — in as little space as possible.

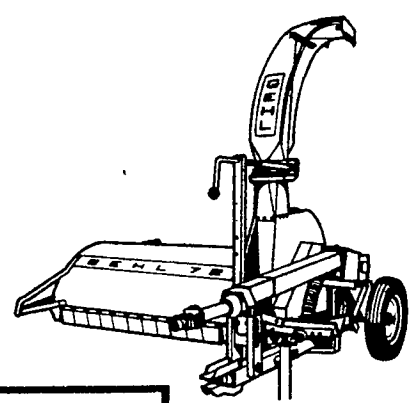
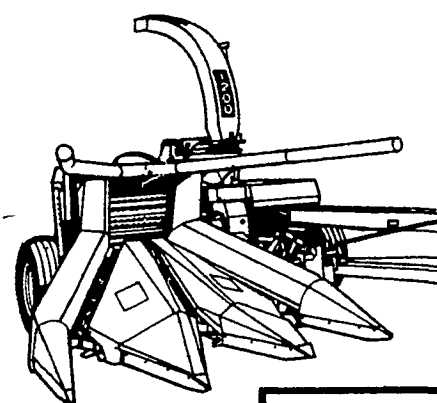
crashed through the rear window of the tractor cab, striking the operator. In another case the rear bumper of a towing vehicle came loose and crashed through the windshield of the towed cab.

Nylon ropes are adaptable

to the farm but must be used with caution. One should never attach the end of the rope to a metal part such as a clevis, shackle or chain that could become a deadly projectile if the rope or a member fails. A person should hook only to hitch

points or very sturdy members.

One should inspect the ropes often for defects or signs of wear. For everyone's protection, keep bystanders at a safe distance when using a nylon tow rope in case it snaps.



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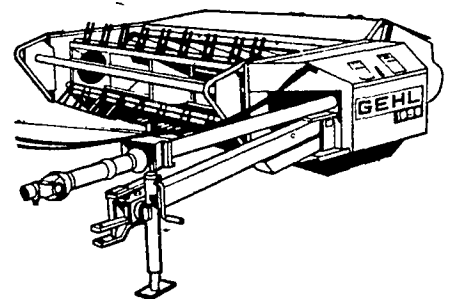
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Lebanon FFA'er tells of experiences in Israeli farm community

Editor's Note: This is the second in a two-part series on the experiences of Tim Dundore, 25 North Zinns Mill Road, Quentín, who traveled

to four countries as part of the Future Farmers of America's Work Experience Abroad program. QUENTIN — "When you're

traveling it's nice to settle down," Tim Dundore says. After being away from home for six months living on a collective farm in Poland and a hog farm in Finland, Tim was ready for a more settled way of life.

From Finland he traveled to Israel for what was to have been a short visit before going on to Australia. However, Tim liked the country, found a position with a kibbutz and ended up staying for eight months. This caused him to have to abandon his visit to Australia, but while he said it was a "big disappointment," he hopes he can travel there sometimes in the future.

Staying at the kibbutz was relatively easy for Tim, because they are accustomed to taking on young volunteers to help with the work, and are equipped to make the young people a part of the community. "You share a room with someone, and work six hours a day, six days a week. There were from 2 to 30 volunteers at Kibbutz Karmya, all arranged through the Ministry of Agriculture."

Tim arrived in Jerusalem just before Christmas, and with two friends walked to Bethlehem for Christmas Eve. "It's something to be remembered, but I was a bit disappointed." He visited



Tim Dunmore

rain. He said water is pumped into an underground reservoir and if a kibbutz uses too much, it will be shut off for a period. Tim helped with taking pipes out of the fields, and he also worked with machinery.

Citrus is a large crop of the kibbutz he visited, with 300 acres grown and harvested. The main crop, however, was cotton, which was mechanically harvested.

Irit Lahmi is a young Israeli woman who lives at Karmya and is now visiting with Tim's family in Quentín. Her job is working in the cotton field, inspecting the crop for insects. She makes the decision if spray is needed, and says, "It is a tough decision because we spray with an airplane and it is very expensive." This year, she says proudly, she made the right decision and the crop was very good. They spray sometimes as often as twice a week, and if there is not time to mark the fields for the pilot, Irit goes and directs the spraying operation. This work is seasonal, so at other times of the year, she is assigned jobs elsewhere in the kibbutz.

Life on a kibbutz is totally controlled, Tim says. "It's a temporary way of life. You don't have anything to call your own. Everything belongs to everyone. It's an easy life. You have no worries."

Irit explains. Everyone works on the kibbutz. They are given their house, which for a married couple is a two room, single level dwelling, with children being cared for separately. You are given food, clothes and everything you need. The only money necessary is "pocket money for extras." There is a small supermarket on the kibbutz as well as an infirmary where doctors visit twice a week. There is also a dentist office. "Everybody's equal," Irit states.

The kibbutz is run by a manager who is in charge of the money, including paying

(Turn to Page 106)

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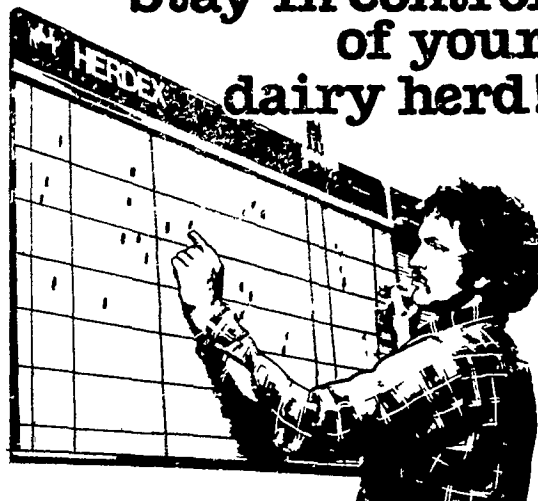
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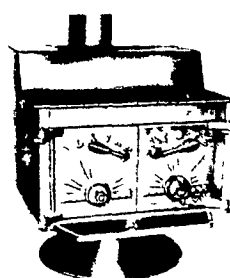
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Lebanon FFA'r

(Continued from Page 105)

the bills such as electricity. Decisions are made jointly, with a meeting every Saturday night for kibbutz members to make major decisions. Irit says however, that many people who live on the kibbutz never become members, and many members don't attend the Saturday meetings unless there is an agenda item which is of particular interest to them.

The people in the kibbutz eat all their meals together and all their needs, such as laundry, are taken care of communally. The children are cared for in a children's house almost from birth. While this seems hard to accept, Irit says it is the only sensible thing to do. She said, "Everybody works, so women can't care for a baby. We grow up in groups of five." The five children stay together and are cared for by one person. At kindergarten age, several groups of five join together. She said children and parents get together frequently, adding, "I love my parents as much as Tim loves his." She explained that there are some kibbutz which allow children to live with parents and some others are changing to that way of living. She strongly supports the way she was brought up.

Tim said that Arabs are hired for hand work like picking up potatoes and picking citrus. He said they receive very low wages for their work and felt their lot was not the best.

Irit, however, disagreed with his skeptical assessment of the treatment of the Arab workers. She says emphatically, "They do get paid lower wages than the Israelis, but they are higher than they got before. And they need the work. We do them a big favor. A special car brings them each morning and takes them back in the evening."

There are some skilled Arab laborers working in

housing construction on the kibbutz, many of whom have worked there for several years. Both Irit and Tim agree that among these workers, some Israelis have made lasting friendships and the Arabs are treated with respect.

Bringing the construction workers to the kibbutz originally caused a "big argument" among the members, Irit said, because they are supposed to be totally self-sufficient and should have been able to do the work themselves. "We realized that we cannot do it by ourselves," she said.

Asked about the military danger in Israel, Tim responded, "It is as bad as they say. Everyone's in the Army and there is a full time guard with two night guards every night. I think I lost my fear in Poland where there were Army guys everywhere. It didn't bother me in Israel."

Irit adds, "You learn to live with it. People do worry, but you learn to live with the fear. We are not close to the danger. The people in the north live in shelters."

About the proposed peace settlement, Irit said, "I don't know. We need to have hope." Tim added, "A lot of Israelis are really glad for it. They are happy to have peace."

Irit says that she will probably return to the kibbutz. "It is all I know. All my friends are there and I have my own position." She said she once lived for a year in Europe, but was very unhappy.

Following high school graduation, every young person spends two years in the Army, and then frequently leaves the kibbutz for a year off. They may work in town and earn their own money, Irit says. While many leave and feel they find something better, many people choose to come to the kibbutz.

From Israel, Tim traveled to India where he visited for one month. He was there

under the auspices of a private farmer, who was "quite wealthy." The man owned 500 acres, and his holdings included a sugar cane factory and several other factories which used by-products from the sugar cane refining process. Profits from these holdings were divided among family members, according to Tim, but a hospital to serve the community had been built from the treasury.

"India is quite an interesting country. Most farmer own five acres and the farms are worked with mostly hand labor. Water buffalo are used to plow and work the land," he said.

He described the people as "very poor. They cook along the streets and live in grass huts. The streets were unpaved. It is a poor and overcrowded country, where hundreds of people sleep on the streets at night."

After a short visit to Bangkok, Thailand, Tim returned to Israel and

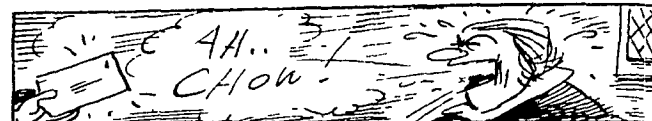
traveled to his home in October.

The whole trip, he explained, "Gave me a better outlook on life. People talk about America, and now that I am back I can see some of their comments. I think most people are jealous of Americans because we have so much and they don't."

He said he encountered many misconceptions about America, like the fact that many people feel Americans are all rich.

"Traveling used to frighten me." He feels the Work Experience Abroad program offers some unique opportunities for young people, but said he feels it is not publicized enough. He never would have known of the program without the guidance of his teacher.

All of the traveling, he reiterated, "just makes me want to go more."



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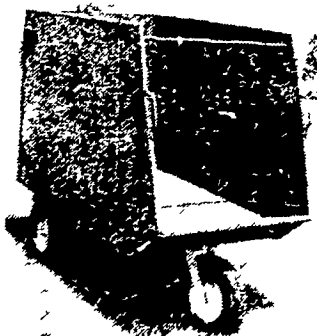
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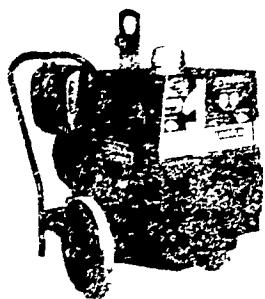
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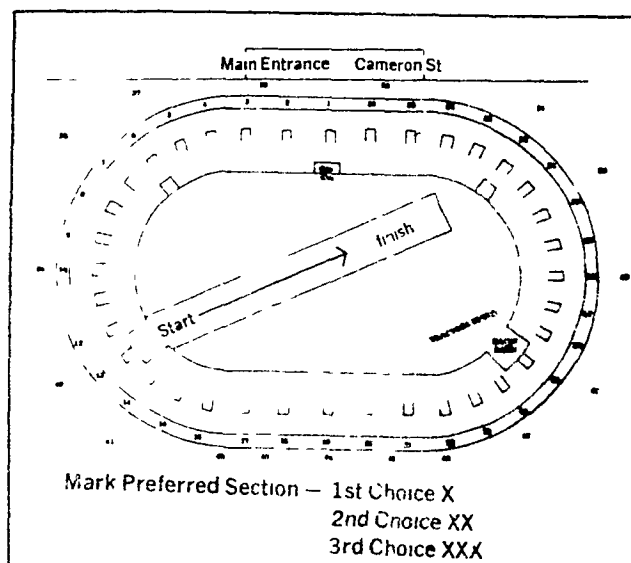
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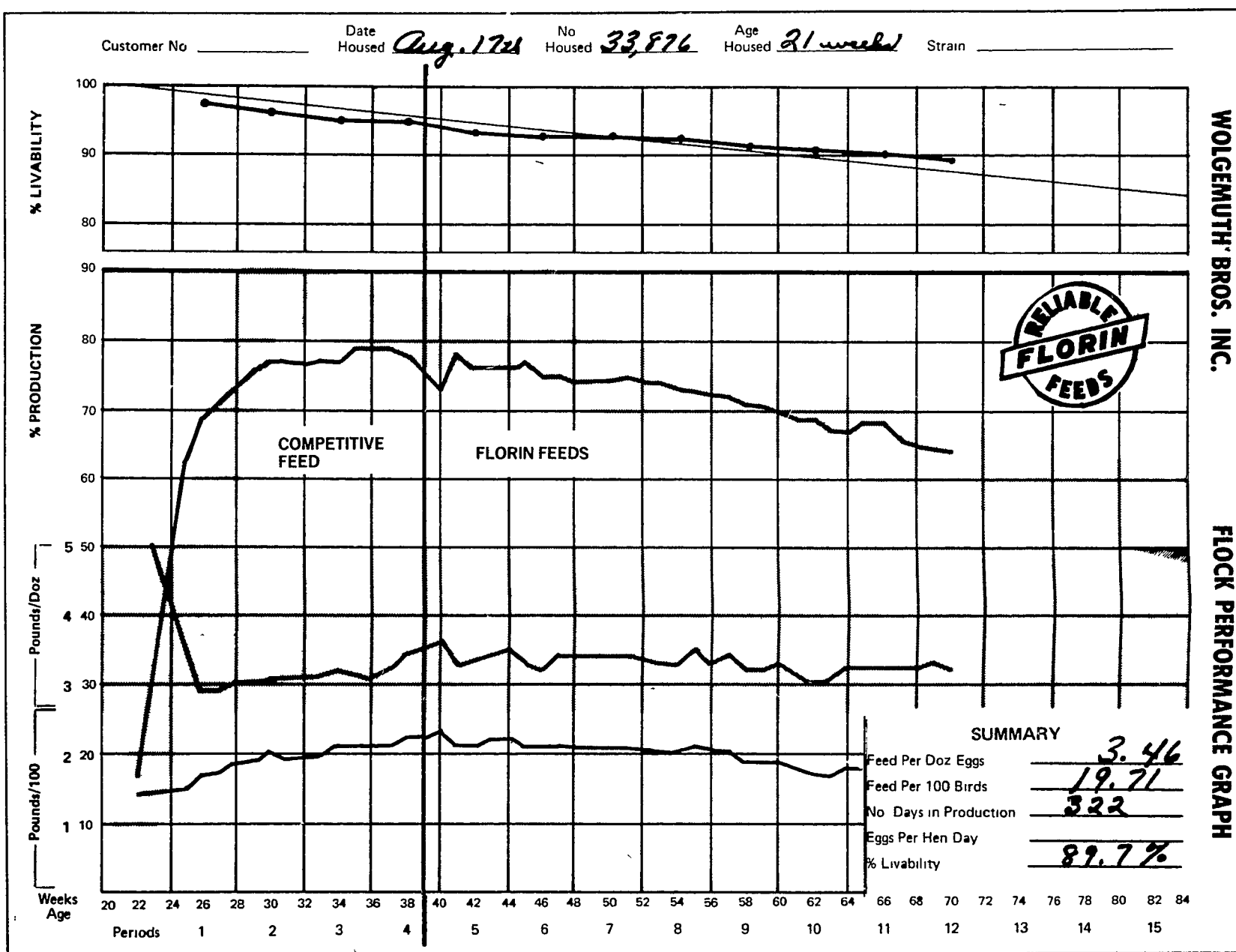
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Pa. farm labor down

HARRISBURG - Pennsylvania's farm labor force was estimated at 109,000, down 19 per cent from the 134,000 farm workers a year ago, according to the Pennsylvania Crop Reporting Service.

A survey conducted the week of October 8-14 shows that farm family workers totaled 79,000, a 19 per cent decrease from the 97,000 in 1977. Hired farm workers were estimated at 30,000, down 19 per cent or 7,000 from last year.

The average work week for Pennsylvania farm operators during the survey period was 46.9 hours, 4.1 more hours than in July this year and one-half hour more than a year ago. The average work week for other family members was 35.2 hours, and for hired workers, 33.8 hours.

Family workers include farm operators working on farms one hour or more, plus other family members working 15 hours or more without receiving cash wages during the week. Hired workers include all persons working one hour or more for cash wages during the survey period.

All Pennsylvania hired farm workers averaged \$3.30 an hour during the survey period for all methods of pay converted to an hourly rate. This is up 43 cents from the \$2.87 received a year ago. Livestock workers averaged \$2.54, other agricultural workers averaged \$3.56, and supervisors averaged \$5.15 an hour.

Nationally, the total number workers on farms in the October 8-14 survey was 4,062,800, down 2.2 per cent from last year's 4,155,900. Of that total, family owners and operators amounted to 2,756,800, down 82,300, and hired workers decreased 10,800 to 1,306,000.

The average number of weekly hours worked by farm operators in the United States was 41.6 and other family workers averaged 35.2 hours. Hired workers averaged 38.8 hours nationally during the survey period.

Farm wage rates for all methods of pay converted to an hourly rate averaged \$3.18 during the survey, 19 cents above the average of \$2.99 an hour paid a year ago.

Still Stumped

"I've been stumped by one word for two weeks," the crossword puzzle fan told his friend

"How about fortnight?" was the un-helpful hint

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Ideas given for holiday snack foods

UNIVERSITY PARK - During the holiday season, one can expect unexpected company and stock up on festive foods that can be whipped up in no time at all. Since holidays are a time for overindulging, one should choose nutritious, economical foods to serve holiday guests, suggest experts.

Most guests will appreciate a change from high calorie, low nutrient foods such as potato chips and sour cream dips, candies, sugary cookies and cakes.

Here are some ideas for nutritious, inexpensive, spur of the moment entertaining:

Combine fruit juices for vitamin-rich holiday beverages with a different flavor. Try tomato and apple, tomato and pineapple, apricot nectar and unsweetened grapefruit, orange and cranberry juice, and grape juice and lemonade. Experiment with your own combinations. Taste a sample before mixing a whole batch.

Instead of chips, try

"Merry Munch." It's a nutritious snack that makes a great gift and perfect munching for children. Mix any combinations of dried fruits, nuts, and seeds to suit your taste and pocketbook. For example, combine raisins, currants or chopped mixed dried fruits, roasted soybeans, chopped walnuts, and sunflower seeds. If you plan on making a large batch, it may be more economical to buy the nuts, soybeans or seeds in bulk form at specialty food stores. Keep the munch in a glass or plastic container with a tight-fitting lid.

You can also have foods on hand to bake and serve warm. For late morning or afternoon guests, prepare gingerbread or quickbread mix to serve with coffee, tea or hot chocolate. You can spruce up both mixes by adding chopped nuts, dried currants or other fruit.



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TREAT SOMEBODY

Soybean research projects announced

ST. LOUIS, Mo. — The American Soybean Association Research Foundation has announced the funding of six soybean research projects. Meeting in St. Louis on December 3, 1978 the Board of Soybean Growers selected two soybean production and four soybean utilization

research projects from a field of 44 applications. The Board also agreed to consider funding four more projects at their March Foundation meeting.

Projects selected for funding are: research to improve the removal of phosphorus compounds from soy oil, University of

Nebraska; studies on the energy and amino acid availability of soy protein products, Texas A&M University; influence of soy protein diets on blood components and mineral retention in humans, USDA, Beltsville; research to improve the utilization of soy products in dairy cattle rations, University of Wisconsin.

The production research projects includes a basic research program at the University of Minnesota to study the role of root nodules in controlling soybean growth and development and research on the effects of soil, water, stress or growth, accumulation of nitrogen

and yields of soybeans, University of Kentucky.

The Foundation Board selection is based on those problems which have the greatest opportunity to reduce soybean production costs or increase the usefulness of soybeans.

The six projects funded represented a total commitment of \$216,937 for soybean research. This money is provided by soybean growers and agribusiness through a soybean self-investment program.

For specific information on the research projects, one can contact Dr. Keith Smith, Research Director or Suzanne Shaw, Information Editor.

Hollies come in many varieties

FLEMINGTON, N.J. — When someone says "holly" people probably think of dark green leaves and red berries that are the traditional Christmas decorations, but hollies are more than that, say experts.

Hollies come in many sizes and shapes. Some are hardy outdoors in New Jersey while others can't take the cold winters. Some have red berries while others have black or yellow berries. Some plants are trees, others shrubs. Some hollies have leaves that are the traditional holly shape, but there are several species with small oblong leaves that are similar to boxwood.

One species, the American Holly, has over two hundred named plants, each differing in leaf color, shape or berry color. Leaf color in just this one species can range from deep green to variegated forms, some having golden margins and others having silvery white margins. Two recent Rutgers introductions

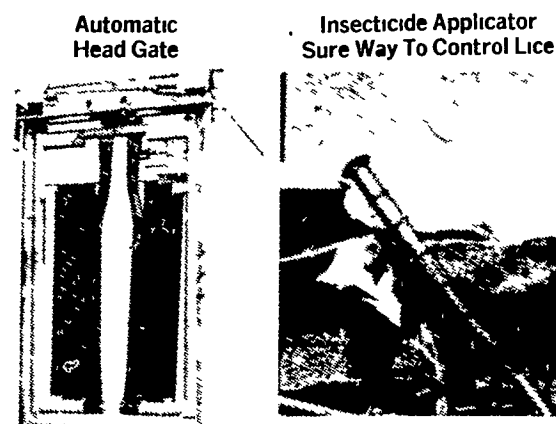
are Jersey Knight, a male selection, and Jersey Princess, which was selected at the 1976 Bicentennial holly. Princess is a female selection with bright red berries and dark green foliage.

The best known hollies are evergreen, but there are many kinds of holly which lose their leaves but are not thought of as hollies. Inkberry is one of these plants which is very common in eastern United States.

There are many hollies that one can grow for ornamentals in his own yard. This makes it possible to have holly for Christmas and all year round.

If a person investigates the world of hollies, he'll see some very beautiful plants not at all like the Christmas holly.

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Yarn dolls have many holiday uses



Yarn dolls can be assembled quickly and make soft, cuddly toys for toddlers.

YORK — Yarn dolls are versatile little personalities.

In mini-versions, they might become corsage ornaments or package tie-ons. Larger yarn people are loveable, huggable toys.

A medium-sized yarn doll can be made from two 2-ounce skeins of rug or knitting yarn. Use loose yarn. Use loose yarn skeins, not the pre-wrapped type.

Use one skein for the body, cutting through all the strands at one end. With a short piece of either matching, or contrast, yarn, tie in about two inches from the uncut end to form the doll's head. A small styrofoam ball may be inserted inside to give additional shape and body to the head area, and the tie just under the ball will hold it in place.

Next, insert the second skein horizontally to form the arms and cut through all strands at both ends of the skein. Tie off with short pieces of yarn about an inch from either end, forming the hands. Tie the skein forming the body just below the arms.

The remaining yarn forms the skirt for girl dolls and

may be trimmed evenly. For the legs of a boy doll, divide the strands evenly and tie off each half with a short piece of yarn about an inch from the bottom. Trim hands and feet of the dolls for evenness.

Individual decorating touches may be added to dress up the dolls, including embroidered faces, hats, ribbons, or other colorful touches.

Broilers placements stay the same

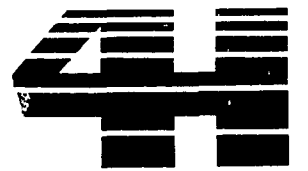
HARRISBURG — Placements of broiler chicks in Pennsylvania during the week ending November 25 were about the same as the corresponding week a year ago, according to the Pennsylvania Crop Reporting Service.

The placements were 1,862,000, ten per cent below the previous week. Average placements in the past nine weeks were 10 per cent below the previous week.

Placements of broiler chicks in the key 21 poultry-producing states were 70,735,000, one percent above the previous week but 11 per

cent more than the same week a year ago. Average placements in the 21 states in the past nine weeks were seven per cent above a year ago.

The number of broiler-fryers slaughtered in Pennsylvania under federal inspection in the week ending November 15 was 1,858,000 with an average weight of 3.99 pounds.



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Plain and Fancy



He Fights Grime.

Plain and Fancy's employee of the month for December, Raymond Scheidel, of Tamaqua R D #3, is a self-professed "jack of all trades." His main responsibility is keeping the five hen houses spic n span for Plain and Fancy Ag Enterprises. Aside from that, Raymond oversees the help every other weekend and aides in the collection of eggs.

For his dirt-defying efforts, this month's resident grime fighter is honored with a \$25.00 savings bond and a certificate of achievement—a reflection of his clean record for Plain and Fancy.



Santa's boot once served as a coffee can

YORK — Food gifts are a special way to spend holiday greetings from the heart of the home, the kitchen.

Coffee cans make excellent containers for food creations. And they become even more festive when dressed up in a decorative "outfit." One York County homemakers group shared their favorite can costume, a Santa's boot, with participants at the annual holiday seminar.

Santa's boot requires just a few basic materials: a 1-pound coffee can with a plastic lid, one white shoe lace, a 9 by 30 inch piece of red felt material, and a strip of sterilized cotton, 10 inches long and three inches wide. Pattern pieces accompanying this article.

Pin the four pattern pieces on the fabric and cut. With a pin, mark the center back of the sole of the boot; also pin mark the center back of the boot. Working from the center to each side, pin the side and back piece to the sole and top stitch into place.

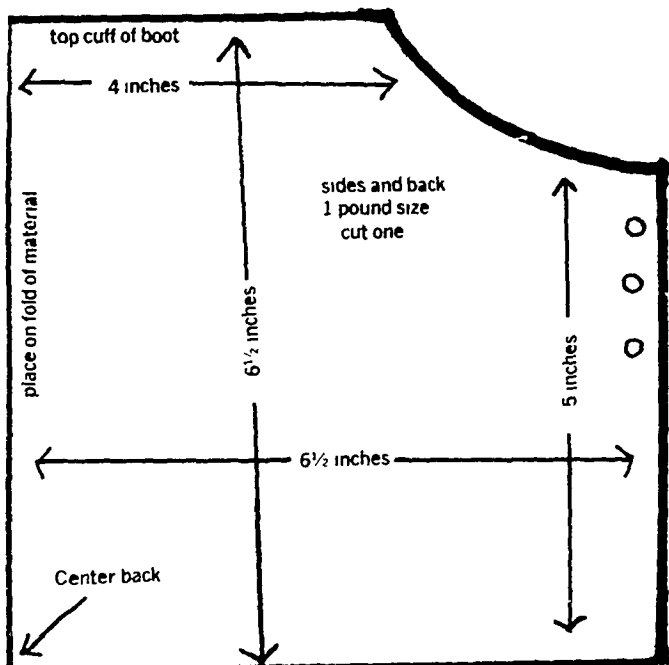
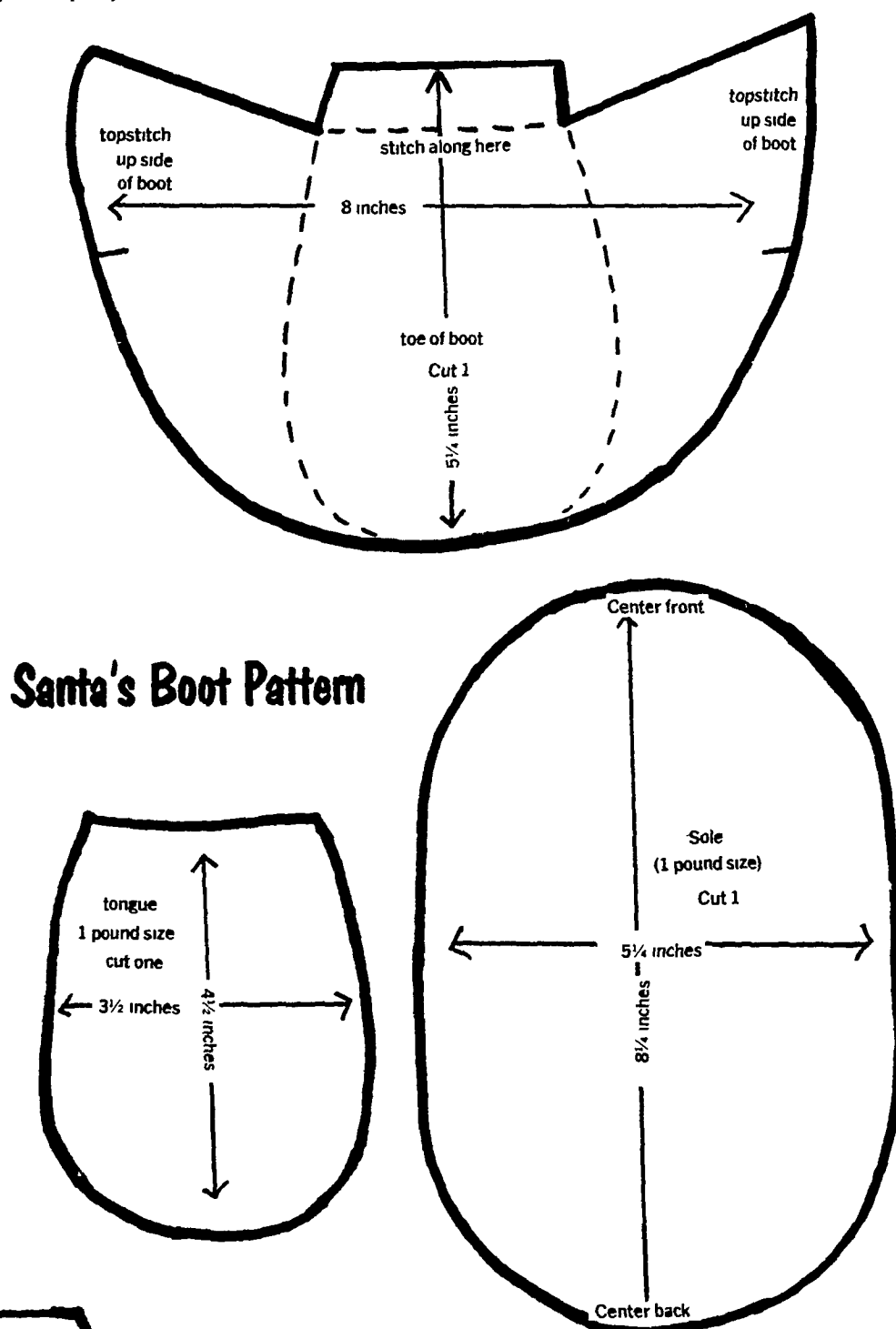
Mark the center front of the toe and the center front of the sole of the boot. Working from the center to each side, pin and top stitch. Where the toe piece meets the side of the boot, continue the top stitching up the side of the boot as shown on the pattern of the toe. Sew the tongue into place, as shown on pattern of toe, by top stitching into place.

Punch three holes on each side; put lace through. Fold down $\frac{3}{4}$ inch on top of the boot to form a cuff. Place the coffee can into the completed boot shape.

This same pattern can be used to make a clown's boot, using bright, cheerful patterned materials. Finish the boot top by making a ruffle from a strip of fabric 3 inches wide by 30 inches long. Sew bright colored rickrack to the bottom edge of the ruffle and gather and attach to the top of the boot. The edge of the boot sole can also be trimmed with rickrack and pomp-poms can be added to each end of the shoe lace.



Santa's boot and handkerchief print stuffed dolls are thoughtful gifts for special people on Christmas lists.



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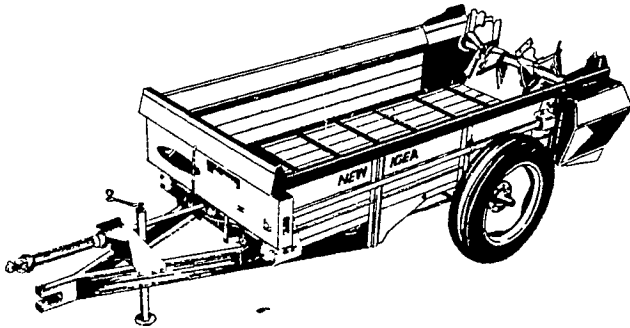
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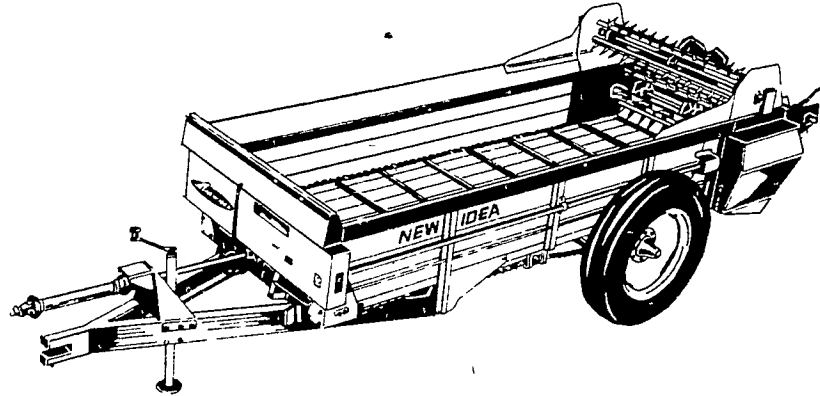
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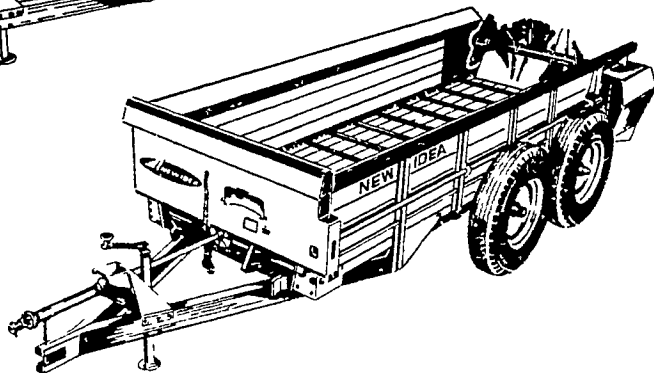
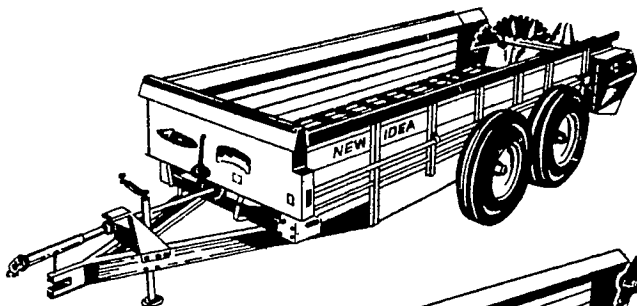
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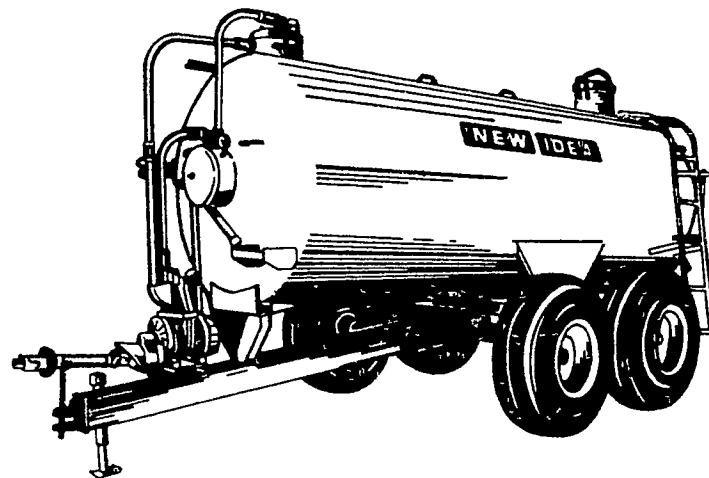
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Pruned evergreens used for decorations

MEDIA - Many people like to lightly prune their evergreens in early to mid-December to get greens for holiday decorations. Properly done, this can provide needed greens and at the same time benefit the plants, point out experts.

The objectives of this light pruning are to improve a plant's symmetry and natural form, to promote better balanced and healthier growth, and to give limited control of height or spread of the plant. One should always make the pruning cut at a joint in a branch so that the remaining leaves cover and hide the cut. Both needle and broadleaf evergreens make attractive Christmas decorations. To make arrangements, a few branches that are 12 to 15 inches long may be needed, but the majority of materials for both centerpieces and wreaths need to be no longer than 4 to 6 inches. One can get the larger pieces by removing unwanted branches and by severe heading back of vigorous growth. Foundation plantings, for example, should have an air space between each other and between each plant and the house. This often requires the removal or hard pruning of some branches

Doing such pruning now is a good way for a person to get the longer greens.

Short pieces of plant material are obtained by a type of pruning called "tipping". This, as the name suggests, is the removal of the top of the shoot. Done with a pair of hand shears or a pruning knife, tipping should provide all the four to six inch pieces of greenery needed for decorating, leaving a very natural-looking plant in the process. Tipping done with a pair of electric hedge shears may give green, but it also produces the unnaturally shaped plant mounds that sometimes appear in the front yards of homeowners who don't understand how to prune.

Any evergreen can be used for Christmas greenery, but some kinds are better than others. Boxwood with its dense, fine texture, is especially popular. Japanese hollies are a good substitute, and American English and Chinese hollies are excellent for the purpose. And, of course, they have desirable red berries. Of the pines, the fine, flexible, bright green needles of the white pine are best. Other pines are also satisfactory. Spruces make

excellent wreaths: the Colorado spruce holds its needles much better than the Norway. Hemlock does not hold its needles well. If used in an arrangement where the stems will be in water this should be no problem.

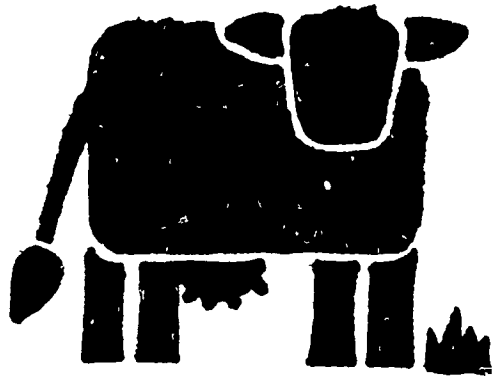
In pruning the larger evergreens such as pine, spruce and hemlock, one should get the greens by removing unneeded branches. Both pine and hemlock will respond to tipping, but use more care with the spruces and don't over-prune. On older trees it's possible to remove or tip side

shoots without spoiling the plant's basic symmetry. Both yews and junipers are good sources of greenery, too. The dark green needles of yew are especially good and the plants tolerate pruning well.

Even rhododendrons can be pruned now for holiday decorations. One should prune them back to force branches and leave a clean, smooth cut. Many rhododendrons need pruning anyway to keep them in scale with their setting and to keep them compact. A person should avoid

removing branches with flower buds if there's concern about the number of blooms next Spring. When using any greens for decorations, one should be aware of the potential fire hazard of these materials, and remember that those

greens which are kept in water will last much longer. When using greens without water, one should avoid burning candles near them, and also keep them away from heaters, electric lights, television sets and other sources of heat.



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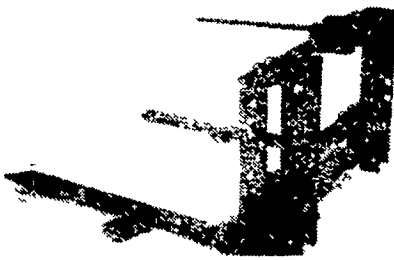
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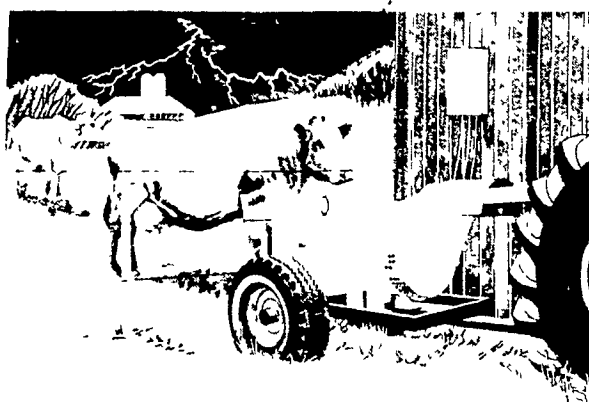
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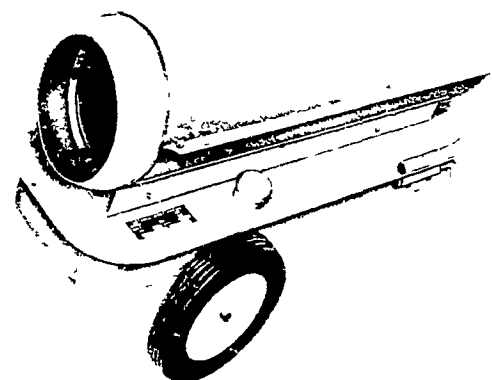
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Electric shock used on steak

BELTSVILLE, Md. - Beef carcasses that have been given a shock treatment produce more tender meat than traditionally chilled carcasses, says Dr. H. Russell Cross, of the U.S. Department of Agriculture's Science and Education Administration.

Meat that has been electrically shocked can also be removed from the carcass in less than four hours, versus 16 to 24 hours for carcasses that are chilled in the traditional manner. This can mean huge savings in labor, chilling costs, and storage space, and fresher meat for consumers. Meat that has received a shock treatment also has a brighter, more uniform color, says Cross, a research food technologist with SEA's Meat Science Research Laboratory here.

At the Beltsville Agricultural Research Center in Maryland, Cross applies the shock treatment to carcasses by passing electricity between probes in each end of the carcass. A two to three minute shock

applied shortly after slaughter accelerates the onset of muscle stiffening and prevents the excessive shortening of muscle fibers that results in tougher meat. However, if cattle are frightened or stressed in some other way before slaughter, electric shock has no effect on meat tenderness.

Water Weight

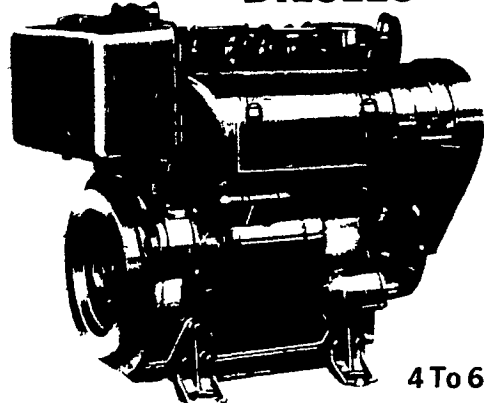
About 59 per cent of a child's body weight is water and an adult's can range between 45 and 69 per cent — depending on the age of the person. Water is inside and outside every cell in the body. The blood that carries nutrients and waste products away from those cells is composed largely of water. Every food contains some water. Tomatoes, for example, are 93 per cent water.



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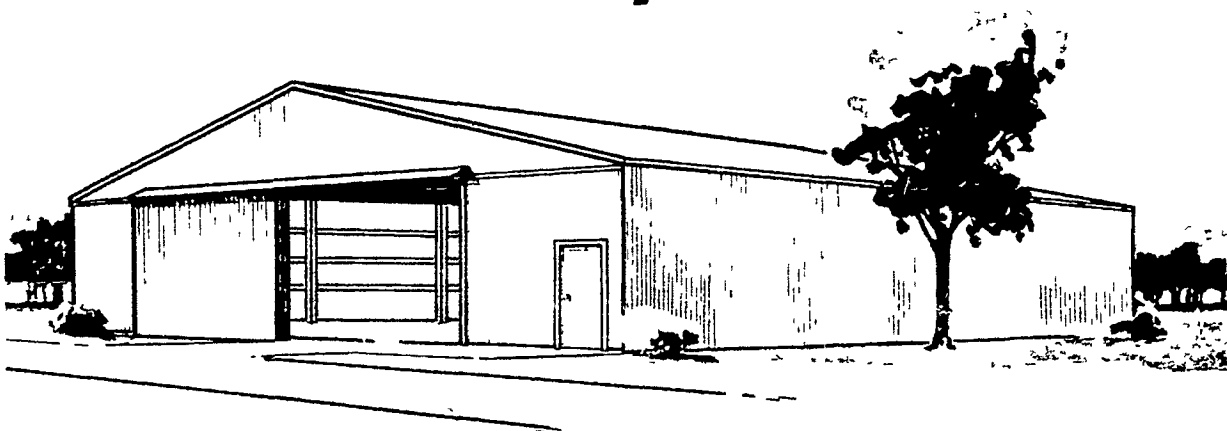


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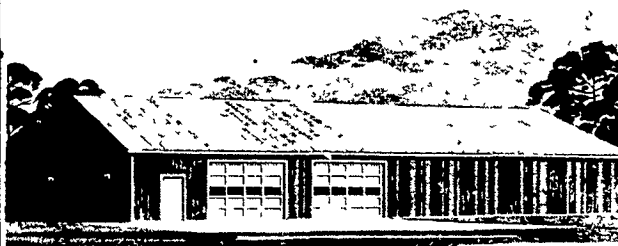
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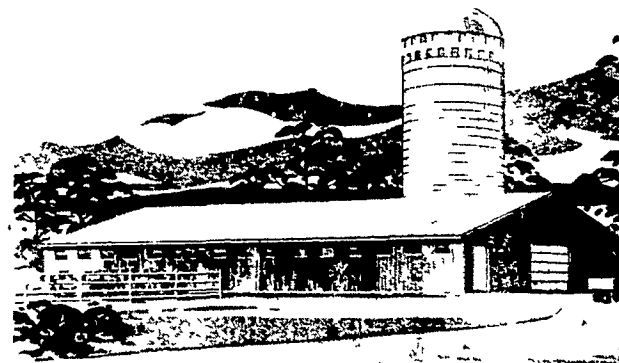
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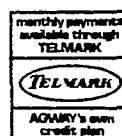
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Mistletoe isn't just for Christmas kissing

WASHINGTON, D.C. — To most people, mistletoe means an excuse to steal a kiss at Christmas time. But that's just one of many traditions that have been associated with this curious, parasitic plant, according to the current issue of *National Wildlife* magazine.

"For centuries, people all over the world have considered mistletoe to be a charm against disease, witchcraft, and infertility," says the bi-monthly publication of the National Wildlife Federation. Mistletoe superstitions probably came about because of the unusual and rather eerie way in which the plant grows.

Mistletoe flourishes in clumps on the trunks and

branches of various hardwood trees, where it robs its host tree of water and nutrients. Often, the host tree is so weakened that it dies. But since mistletoe can produce its own food when necessary, the parasite remains green and moist.

Because they were unable to explain how mistletoe grew, ancient civilizations believed the plant had supernatural powers, says *National Wildlife*. Peasants in both England and Japan believed that barren women would be able to conceive after eating mistletoe. The Walos of Africa attached mistletoe leaves to their bodies, confident that they would then be protected from injury. The Swedes

carved sword handles from mistletoe branches to ward off witches, while other Europeans wore mistletoe corsages to guarantee a successful hunt.

Mistletoe is not a very tasty plant. In fact, although there are more than a thousand varieties throughout the world, only one animal — the tiny Australian mistletoe bird — relies solely on mistletoe for food. But medical history reveals that despite its taste, mistletoe was often fed to ailing patients by physicians who thought it had curative powers.

French physicians used mistletoe as an antidote for poisons. And one 17th century British physician observed that the plant is "good for the grief of itch, sores, toothache, and the biting of mad dogs and venomous beasts."

Even as late as the mid-1700's, *National Wildlife* reports, many European medical authorities thought mistletoe would cure epilepsy. Since mistletoe attaches itself so firmly to a tree that it cannot be blown down, they reasoned, an epileptic could not fall down if he consumed the plant regularly.

As it was thought that mistletoe possessed magical powers, it's not surprising that the plant was long forbidden in Christian churches. It was thought to be tainted with heathenism. But the Druids — the woodsy priests of the ancient Celts — considered mistletoe to be a warm refuge for the woodland spirits during the cold weather. They gathered and hung the plant throughout their dwellings. This primeval practice may be the origin of the western tradition of decorating homes with greenery at Christmas time.

Centuries ago, on the sixth day of a new moon, a white-robed priest armed with a golden sickle could be seen harvesting mistletoe. The Druids believed the plant was too sacred to be collected by just anyone. Traditions change, of course, and today anyone willing to venture out into the woods can gather mistletoe with a pair of pruning shears.

But some traditions change very little. A kiss under the mistletoe dates all the way back to Norse mythology, which dedicated mistletoe to the Goddess of Love.

Home garden fruit course offered

UNIVERSITY PARK — Many young nut and fruit trees planted each year do not live because they were not planted properly, says Dr. C. Marshall Ritter, Extension pomologist at the Pennsylvania State University.

While there are no guarantee they will live, there are some planting practices that will increase the chances of successful tree growth.

Here are some guidelines to follow at planting time, offered by Ritter.

Inspect new trees for insect and disease damage as well as heat injury and mechanical damage. Return damaged trees to the nursery.

Plant trees during early Spring — mid-March to first of May.

Plant trees soon after arrival from the nursery, so their roots will not dry out. When weather does not permit immediate planting, cover the tree's roots with soil and water thoroughly.

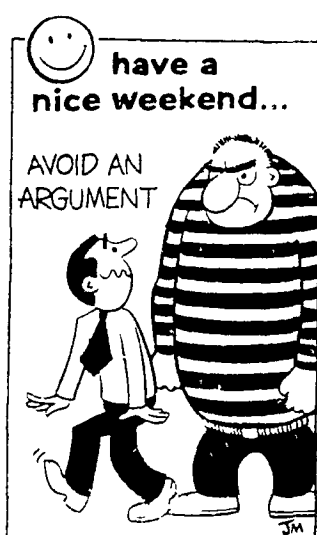
The planting holes should be large and deep enough to set trees without crowding, bending or breaking their roots. Set the tree at about the same height as it stood in the nursery row. That point may be determined by finding the "soil line" on the trunk.

After placing plants in holes, begin raveling with good top soil next to the roots. Pack the soil with your feet as it is added, being careful not to leave air pockets around roots. When the hole is about three-fourths filled with soil, pour in 2 to 3 gallons of water. After this water soaks in,

finish filling with soil. Leave a slight depression around each tree to catch rainfall. Cut off one-fourth of the tree top and branches right after setting.

Do not mix dry fertilizer materials with the soil in refilling the hole. This may cause new feeder roots to be burnt as they develop. Wait until just before growth starts in the Spring, then apply one-half pound of 10-10-10 fertilizer evenly around each tree at least 12 inches away from the trunk, explains Ritter.

For a complete guide to Home Garden Fruits, send \$4, plus 25 cents postage, to Garden Fruits, Box 5000, University Park, Pa. 16802. This complete correspondence course, authored by Dr. Ritter will be sent to you. Make checks payable to Penn State.



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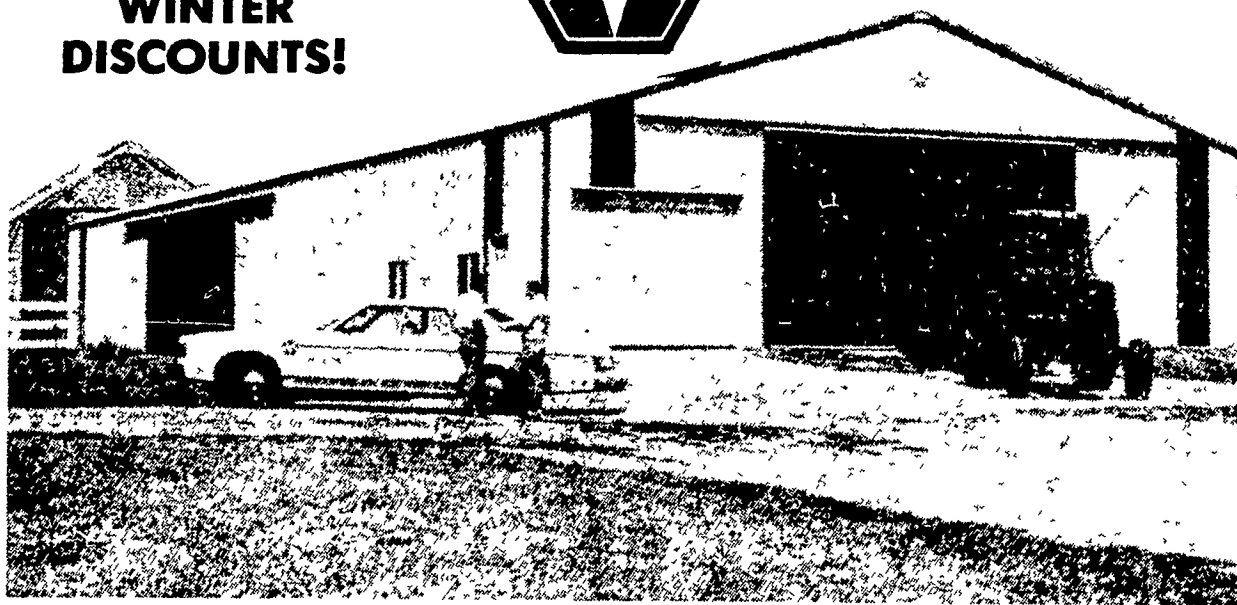


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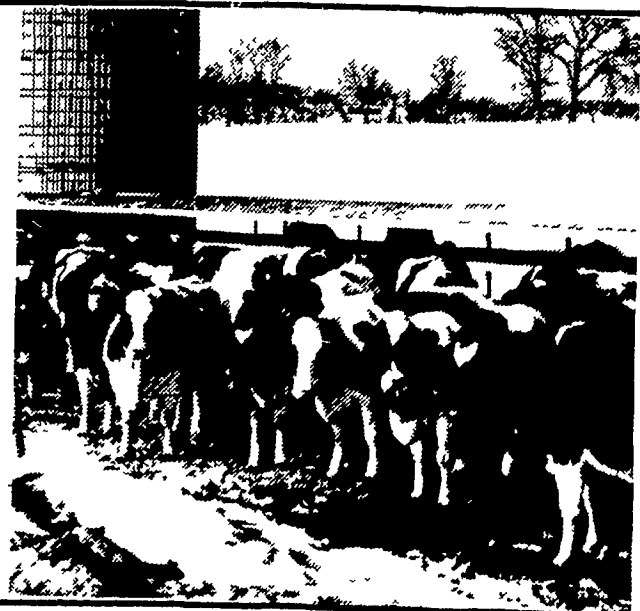
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Consumer milk prices don't reflect the dairyman's pay

HARRISBURG - According to a statement made by the Pennsylvania State Grange, consumer prices for milk have shown a 50 per cent increase since 1967, while the overall consumer index has increased 100 per cent.

"While the consumer has benefited greatly from this trend," said Clifford Tinklepaugh, chairman of the Grange's Dairy Com-

mittee, "the major problem is at the producer level.

This statement was made as part of the Pennsylvania State Grange's testimony at the Area 6 Milk Marketing Board Hearing held in Harrisburg December 11.

The purpose of the Hearing was to establish minimum producer, dealer, and consumer prices for milk in Area 6.

Area 6 consists of all

Counties from Warren County east to the eastern border of McKean County, and South to the Pennsylvania-Maryland border at Somerset and Bedford Counties.

Tinklepaugh stated that since 1967 production costs have risen 87.4 per cent while the blend price received by farmers has risen only 71.3 per cent.

"From 1976 to 1978," said Tinklepaugh, "dairy farmers operating in Area 6

showed the following trends in production expenses:

16 percent dairy feed was up 10.7 per cent; 36 per cent dairy supplement was up 22.9 per cent; 44 per cent dairy supplement was up 24 per cent; gasoline was up 19.5 per cent; diesel fuel was up 23.4 per cent; and dairy cleaning material was up 16.2 per cent.

"During the same period 1976 to 1978, the minimum price paid farmers in Area 6 for Class I milk increased

only 4.24 per cent," said Tinklepaugh.

Highlighting other contributing expenses, Tinklepaugh noted, "since 1967, insurance on vehicles has risen 80.3 per cent; tax payments increased 21.9 per cent, and workmen's compensation premium payments have more than doubled."

One Grange farmer commented that "the only thing that is keeping us ahead of our expenses is that

the price of land is increasing each year and we can borrow money against that for improvements and new machinery."

"We continue to be concerned about these trends," said Tinklepaugh. "It is essential, in our opinion, to emphasize the importance of maintaining an economically healthy dairy industry, so that consumers will continue to receive wholesome milk at reasonable prices."

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Dairy farmers to vote in referendum

NEW YORK, N.Y. - Dairy farmers in the milkshed will vote on the proposed amended New York - New Jersey milk marketing orders (Federal Order No. 2) in a mail referendum ending at midnight, January 4, 1979. The amended order was con-

tained in a final decision issued on December 5, 1978 by the United States Department of Agriculture.

Thomas A. Wilson, market administrator, who was named as referendum agent, said all dairy farmers who delivered milk to pool plants

and bulk tank units in July 1978 will be eligible to vote either collectively through their cooperative or in the case of non-members, by individual ballots. He stated that failure to approve the amended order would result in termination of the New York - New Jersey milk marketing orders. A two-thirds yes vote of those casting ballots is necessary for approval.

The proposed amended order changes the shrinkage provision to generally conform with the treatment of shrinkage under other marketing orders. Currently, Order No. 2 classifies shrinkage by assigning the shrinkage prorata to the handler's actual utilization of milk in each class with a limit of two per cent assigned to Class II. Under the amended order, pool plant operators will be allowed a maximum Class II shrinkage allowance set at two per cent for receipts from can producers, pool

bulk tank units and other pool units. A 1.5 per cent allowance is set for receipts from other pool plants, and other order plants, and plants other than pool or other order plants. Shipping handler's shrinkage is reduced by 1.5 per cent of the bulk fluid milk transferred to other plants. Shrinkage on other source bulk fluid milk for which no specific allowances apply will be Class II. A handler's total shrinkage will be prorated between receipts having specific Class II limits and remaining other source bulk fluid milk receipts. Shrinkage in excess of the total Class II allowance will be assigned to Class I.

Final decisions and ballots will be in the mail soon. Wilson urged all eligible producers who are not members of cooperatives voting collectively and who do not receive referendum material to write to the Referendum Agent at 208 East 43rd Street, New York, New York 10017.

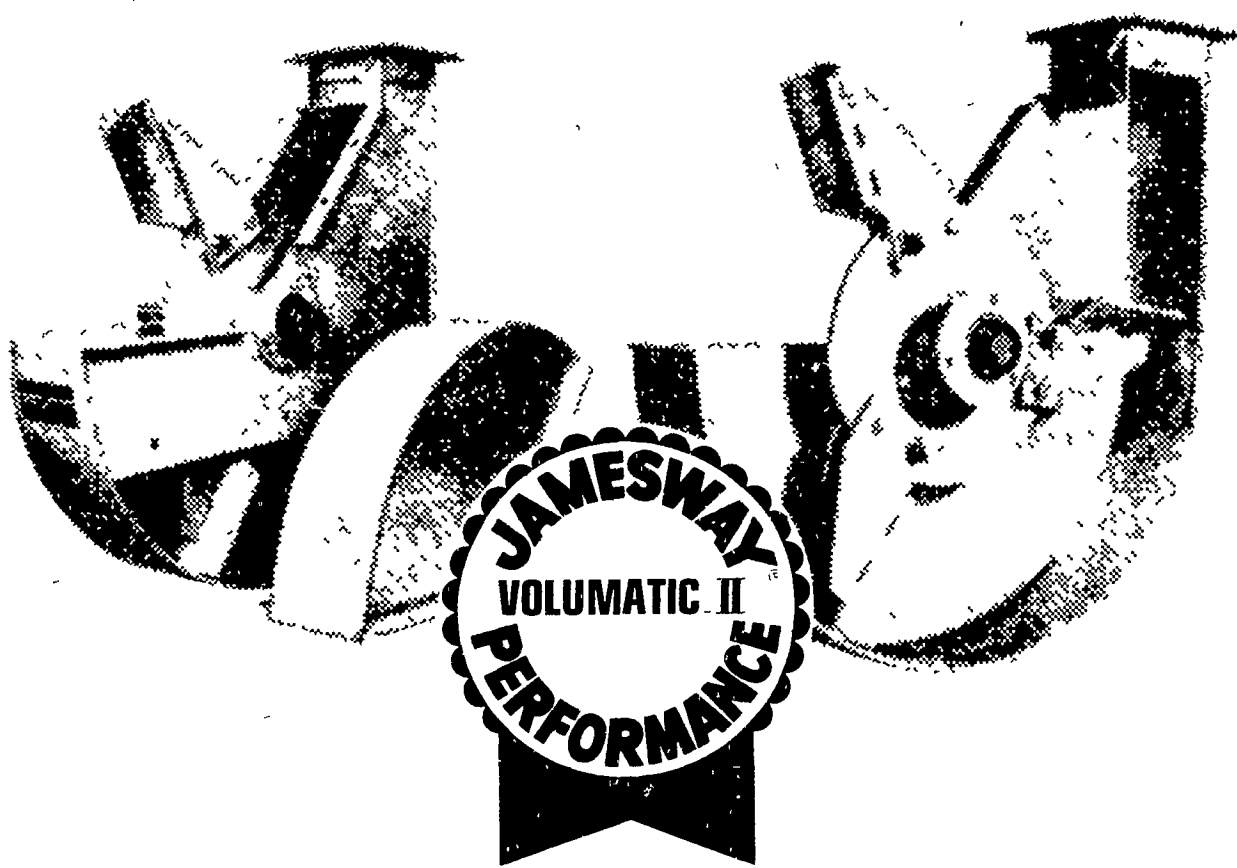
Apples down

HARRISBURG - Apple holdings in Pennsylvania cold storage facilities on October 31 totaled 267.4 million pounds or 6.4 million boxes of 42 pounds each, according to the Pennsylvania Crop Reporting Service. The holdings are down 5.2 million pounds or two per cent from a year ago.

More York apples are in storage in Pennsylvania than any other type at 1.8 million bushels, followed by

Golden Delicious at 1.1 million bushels. Other types of apples in storage are Stayman, 308,000, bushels; Rome, 774,000 bushels; Red Delicious, 887,000 bushels; Jonathan, 176,000 bushels; McIntosh, 97,000 bushels; and all other types, 1.2 million bushels.

Apple holdings in the United States on October 31 totaled 3.43 billion pounds, up 8.3 per cent from the 3.14 billion pounds in storage a year ago.



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Cowlicks used to identify individual horses

PULLMAN, Wash. — A quick and convenient method of identifying a horse by the hair whorl on the front of its head offers promise for breed registries, insurance companies and the horse-owning public.

With the millions of dollars annually involved in horse racing, the temptation for a dishonest person to "counterfeit" an animal is

sometimes too much to resist. For this, and other less dramatic reasons, the horse industry needs a permanent, unalterable system of identifying individual animals.

SEA veterinarian R. Keith Farrell, along with veterinarian Mike Conaway of Washington State University, Pullman, Wash., believes that disturbances in a horse's hair stream—called

trichoglyphs — can be used to identify horses, much as fingerprints are used to identify humans.

The most prominent type of trichoglyph is the hair whorl. It is created while the animal is still an embryo and when skin is stretched around prominences. The skin's plane of stretch determines the direction of the hair and, once the whorl

is established, its pattern and direction are set for life.

Farrell and Conaway have devised a process that converts a horse's frontal hair whorl (which corresponds to a person's cowlick) to a permanent record that can be filed as information retrievable by mold of the hair whorl, using a clay disc, and from that mold, making a positive cast. This cast provides an

exact duplicate of the whorl that can be inked and printed onto any document where identification is required.

The horse's frontal hair whorl theoretically meets all criteria required by the horse industry to serve as the sole identifying characteristic of an individual animal — no two horses have identical whorls; there is a high degree of variability in the type, number and location of whorls on every animal; and the whorls can't be altered without the alteration being easily detected.

The term trichoglyph comes from the Greek

words, "trico," (hair) and "glyph," (carving). Using trichoglyphs such as hair whorls to identify animals is an accepted practice for livestock in the Far East where tattooing and branding are forbidden. Trichoglyphs are also being tested as a means of identifying seals to learn why their numbers are decreasing.

The system is not yet proven for horses, however. Drs. Farrell and Conway say they need to continue to study the hair whorl patterns of horses to make certain that horse trichoglyphs do not change in location or appearance with age.

Beef production course offers practical tips

UNIVERSITY PARK — Low-cost care is a key to profits with beef cattle. Expensive barns and large quantities of purchased feed grains are not necessary.

According to a Pennsylvania State University correspondence course, costs pertaining to such items as beef production, investment in land, and equipment per cow must be kept low. Although a beef cow herd is not usually a high-profit enterprise, it can be profitable if managed correctly.

Cattle do well in the shelter of an open shed. A deep shed facing south is excellent. Feeding is easy and less bedding is required

than with animals in single stalls.

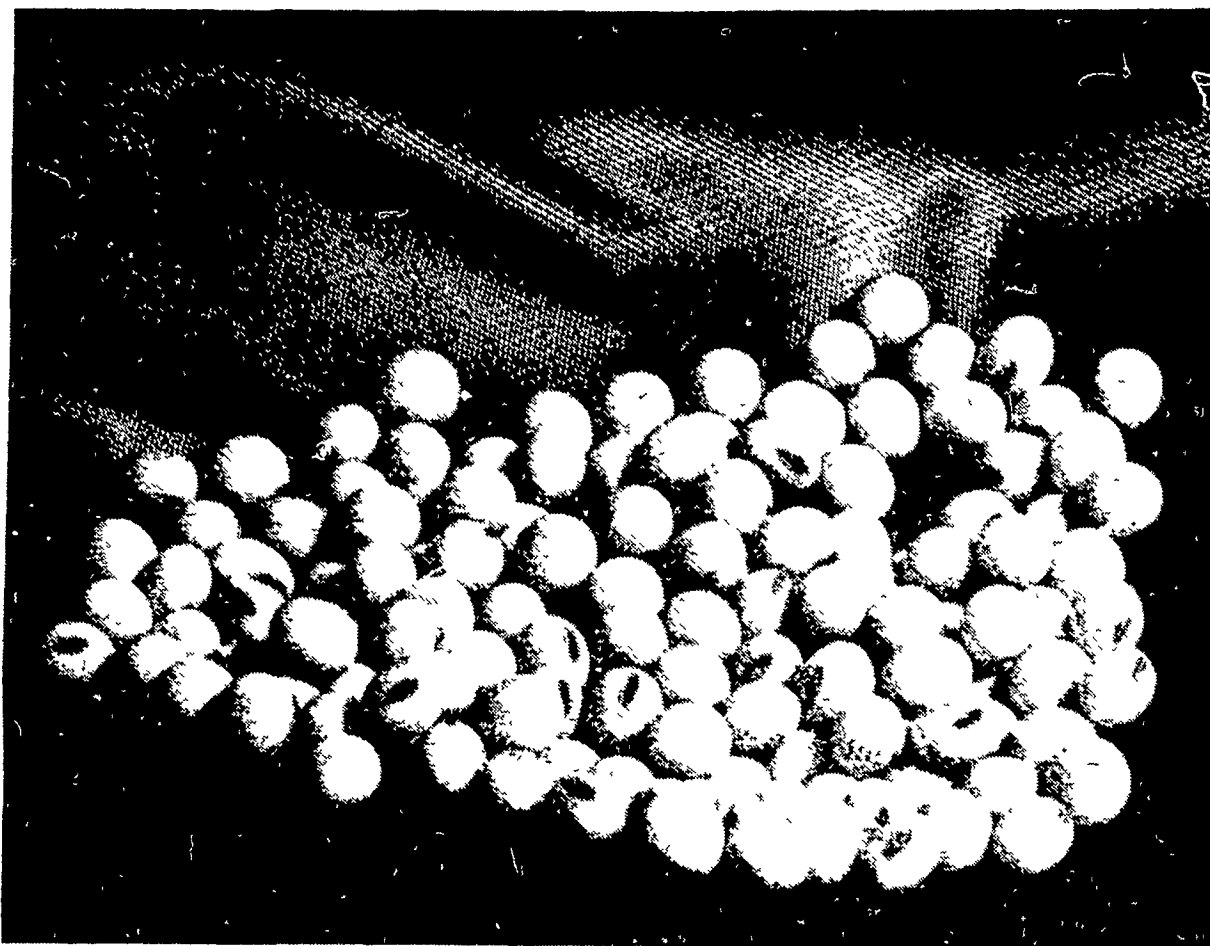
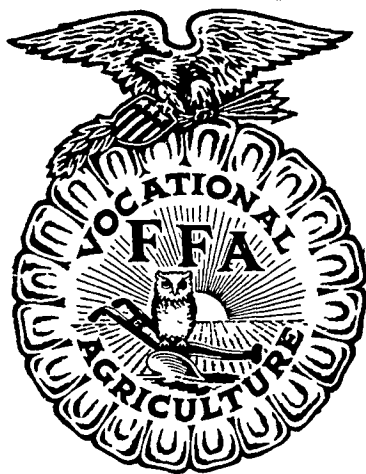
Beef cattle thrive on good forages. Farm-grown roughages can make up the main part or all of winter rations. Legume hays provide the protein and corn silage or grass-legume hays provide the carbohydrates. Summer feed comes from pastures.

Grains should be fed to beef cows only during breeding or when roughages are in short supply. In practically all cases, except when high-quality pasture is available, feeder cattle should receive supplemental grains.

The Penn State correspondence course will

help you to learn more about the care of beef cattle. For a copy of the course, send \$6.50, plus 25 cents postage to

Beef Production, Box 5000, University Park, Pa. 16802. Make check payable to Penn State.



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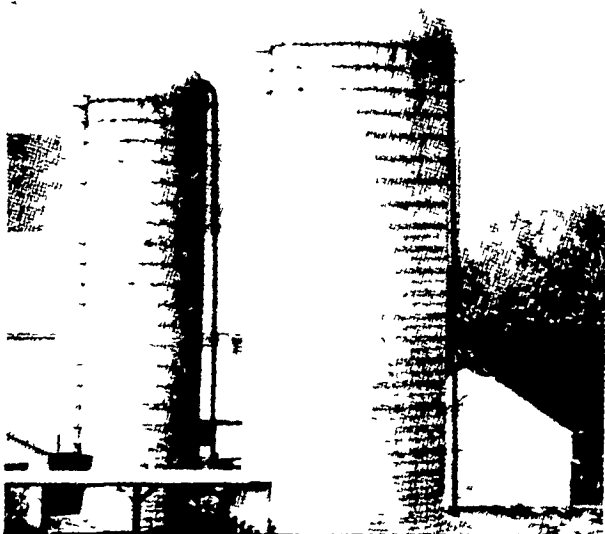


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PSU conducts potato research on isolated plateau farm

UNIVERSITY PARK - High on a plateau in central Pennsylvania, plant scientists are developing new potato varieties and disease-free seed potatoes for a 31 million dollar Commonwealth industry.

The site is the new Potato Seed Production Farm of the Pennsylvania State University, located within view of the Mid-State Airport.

Almost 2,000 feet above sea level, the mountain farm

is ideally located for potato breeding and seed production research since it is isolated from other agriculture, said Dr. David R. MacKenzie, Penn State potato breeder and researcher in charge of the

farm. He claimed high elevations help to control the leaf roll virus, a major disease of the seed potato industry.

About 8000 types of potatoes were planted this year, including some 50

named varieties. New this year are named varieties from the American Potato Collection of the U.S. Department of Agriculture. The research center was established in the Spring of 1977.

Breeding lines or clones from other seed-producing programs along the Eastern Seaboard are being grown here as part of Northeast Regional Research Project 107, supported by federal and state funds. Such projects, with scientists from several state universities involved, are used to exchange germ plasm and to evaluate promising breeding lines.

"We view the needs of potato production to be regional, not just limited to Pennsylvania," stated MacKenzie. "Competition for Eastern growers comes from the West and Northwest where production is increasing. We in the East are working together to reverse this trend."

Caution is taken at the potato breeding farm to grow and maintain supplies

of quality seed, he pointed out. Only sound seed is planted and heavy weeding out of inferior plants is vital. Rigorous measures are taken with potatoes leaving the farm for other growing areas. Visitors and employees make frequent use of boot baths to disinfect footwear as precaution against disease-causing organisms entering or leaving the farm.

"One future emphasis in our research will be to continue developing round white potatoes for the chipping industry," MacKenzie said. "We will also expand greatly our breeding efforts with potatoes for home use," he added.

A good example is the new variety, Penn 71, released by the Agricultural Experiment State at Penn State. Penn 71 is scheduled to go to seed growers in 1980. It is rated excellent for chipping and produces high yields over the entire Eastern region, including an area from upstate New York to southern Virginia.

Holiday Energy Saving Tips

Limit light-burning time on decorations.

Use energy-saving recipes for holiday meals.

Don't forget to keep fireplace damper closed when not in use.

Take advantage of holiday-meal left-overs...save on cooking time.

Candlestick style lights placed inside windows can be convenient and effective substitutes for strings of outdoor Christmas lights.

Turn thermostat down when you're away visiting...if going away more than 2 days, turn electric water heater off.

Save automatic dishwashing and laundering chores 'til after 7 p.m.

If you're going to bake, fully utilize your oven (more than one pie, cake, etc.).

Avoid high-wattage flood lights and bulbs. Using miniature indoor tree lights can save.

"Saving energy...saves for all of us"

Happy Holidays

from PP&L

Pa. horse breeders to get racing bonus

KENNETT SQUARE - Pennsylvania's thoroughbred breeding industry has been boosted by new legislation that authorizes payments to breeders when their foals finish first, second or third in state races.

The Pennsylvania Breeding Fund is expected to reach \$1.6 million this year, said a spokesman for the state Horse Breeders Association, which manages the program.

Breeder awards equaling 20 per cent of the Pennsylvania-bred horse's

purses will be paid whether or not the breeder owns the horse at the time of the race.

And the stallion owner will receive awards equal to 10 per cent of the winner's purse.

A top stallion could be represented by 30 foals a year, the association spokesman said.

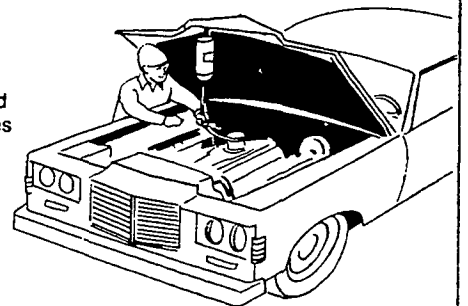
He said the program will "insure a steady supply of fresh horses to Pennsylvania's four thoroughbred tracks."

Thoroughbred breeding and racing industries contributed over \$92 million to the state's economy in 1977, he said.

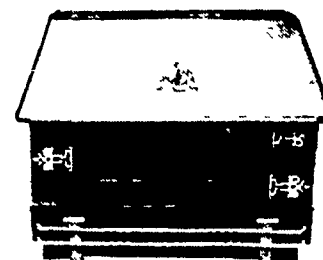
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Record corn crop grown with irrigation

NEWARK, Del. — Wyoming, Del., corn farmer Pete Makin has a lot to brag about these days. He's just produced a 197-bushel-per-acre corn crop under irrigation—the biggest commercial yield this year in the state and only three bushels short of that magical 200-bushel mark he and a lot of other Delaware farmers have been aiming for.

Makin was recognized for his achievement at the recent state Irrigation Conference in Georgetown with a silver tray presented by State Secretary of Agriculture Dr. William E. McDaniel.

Also recognized with a silver tray in the same ceremony was Palmer Cor-

ey of Bridgeville, for a similar pace-setting yield of 194 bushels an acre.

Both farmers are participating in the Delaware Cooperative Extension Service's First State Corn Irrigation Project, which was set up last spring to help corn farmers who irrigate boost their yields.

Makin's top sample came from a 92-acre field under a center pivot system. He says he put on nine inches of irrigation water over the growing season. His crop also got 11 inches of rainfall for a total of 20 inches of water. He has a Sassafras sandy loam soil with a water-holding capacity of 1.3 inches per foot of soil.

The Wyoming farmer got outstanding results with two hybrids: Pioneer Brand 3535 (with a sample average of 197 bushels an acre) and DeKalb-64A (with a sample average of 193 bushels). He planted his corn about May 20 — three weeks later than he normally plants because of the late spring. As is typical of late-planted corn, it grew very tall with a narrow stalk diameter. As a result he had some lodging problems with one of his hybrids, which resulted in some combine losses at harvest. Plant population was between 31,000 and 32,000 at harvest.

According to University of Delaware agronomist Dr.

William H. Mitchell, who was one of the Extension specialists working with project members this Summer, Makin's fertility program included a total of 295 pounds of nitrogen, 90 pounds of phosphorus and 180 pounds of potassium per acre. Some of the nitrogen was broadcast before planting and some was applied in the planter. He also used a 30 per cent nitrogen solution as a carrier for his herbicides, and over the growing season injected nitrogen through his

irrigation system seven times.

Mitchell says he had outstanding weed control—"an absolutely clean field"—using AATrex and Princep. This was his first year irrigating corn, but Pete Makin has had considerable previous experience with irrigation of vegetable crops.

Palmer Corey and his 19-year-old son Doug had three center pivot irrigation systems in operation this summer, two of them under no-tillage. But they had their

best luck this year with conventional tillage under irrigation on 195 acres at the home farm using Pioneer Brand 3535 seed. This hybrid gave them a combine yield of 194 bushels an acre dry corn at 15.5 per cent moisture. It was planted between April 20-30 and had a population of about 27,000 plants per acre, final stand.

The Coreys have a Sassafras sandy loam soil on the home farm, with a water-

(Turn to Page 120)



Delaware State Secretary of Agriculture W. E. McDaniel presents silver trophies to this year's top irrigated corn growers. At left are Palmer Corey and son Doug, of Bridgeville; at far right, Pete Makin of Wyoming.

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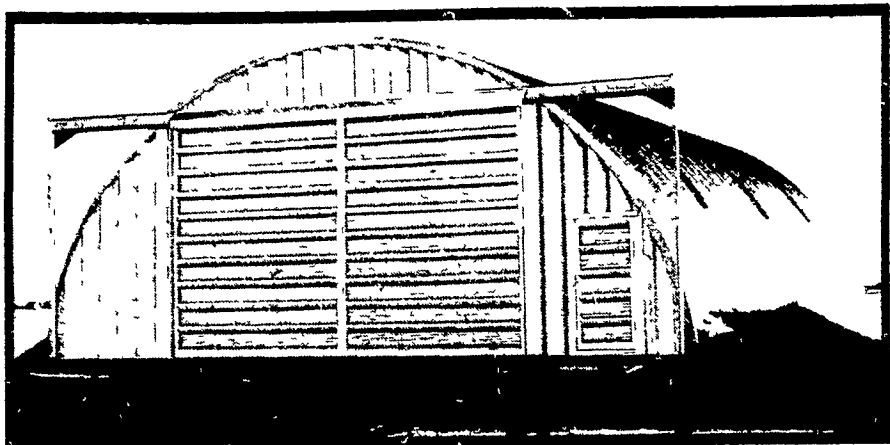
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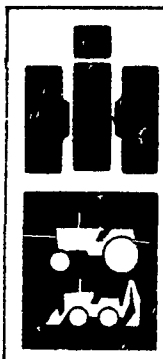
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Firewood workshop sparks interest in Maryland



Cliff England, Maryland Forest Service Specialist, pauses to switch wedges during his recent demonstration on correct wood splitting at a firewood workshop session.

The event was conducted by the Maryland Cooperative Extension Service to keep the public abreast of wood stove heating information.

ELKTON, Md. — Two weeks ago Maryland's Upper Shore hosted one of the state's first firewood workshops.

The Saturday event was met by mid 40°F. temperatures, rain fog and only 20 people in attendance as County Extension Agent Rich Bauerle kicked off the 10 a.m. event. However, by 10:30, the small crowd in Elkton's Meadow Park had swelled to nearly 90 participants who viewed a safety representative correctly cut and fall a diseased tree as one of the many scheduled events.

The Maryland Cooperative Extension Service presented the unique session in an effort to update the consumer on wood types, storage, curing and utilization. The session presented a combination of demonstrations, exhibits and displays of wood burning stoves, automatic wood splitters and energy saving ideas for the conscious farmers and home owners.

The County Extension

Office coordinated the event with energy specialist, ag. engineers and forestry specialist at the College Park Campus while local Maryland Forest Service foresters also presented information on wood types and cutting procedures.

Ron Noel of Enco Products, Hanover, Pa., one of the guest speakers, demonstrated the basic safety procedures to follow when using an automatic hydraulic wood splitter.

Noel also discussed fireplaces and the basic principal of the airtight stove in wood burning.

Dennis Wilkerson from the Homelite Chain Saw Division of Textron Inc.,

Alexandria, Va., presented his topic on correct maintenance of chain saws and safety factors to consider when using a chain saw.

Forest service Specialists John Michells and Clifford England discussed the differences in soft and hard wood types and how they relate to wood stove efficiency. The foresters also aired their views on wood curing, equipment maintenance and safety factors in actual hand wood cutting splitting.

Local wood stove dealers displayed various types of air tight and open hearth stoves for residents who attended.

Safety check needed when visiting

UNIVERSITY PARK — With all the visiting that goes on during the holiday season, small children will have more opportunities to get into things that can cause trouble. "Reachables" are the available, reachable, handy things that can lead to home accidents.

Whether you will be taking your children to other homes or entertaining children in your home, keep in mind the following hazards that may exist if you are not used to curious little people.

Medicines left on a kitchen window sill, placed on top of a table or dresser in grandmother's room, left in mother's handbag, stored in the refrigerator or on food cabinet shelves and left on a coffee table.

Turpentine left on top of a workshop bench by a do-it-yourselfer.

Lubricating oil stored on the bottom shelf of a closet.

Furniture polish left on the dining table when the telephone rang.

Cleaners, polishes, chemicals and flammable liquids left on a washing machine, on the bottom shelf of a cabinet, stored under the sink, and left on the floor when someone rang the doorbell.

Boiling water in a pot whose handle was jutting over the range edge.

Coffee pot on a counter within reach of a child sitting in a high chair.

Low window ledges and unguarded open windows reachable to a small child.

Matches left within easy reach.

There are many reachables in every home but especially those where there are no little children. When visiting during the holiday season or entertaining at your house, be especially conscious of the reachables that could cause an unfortunate accident.



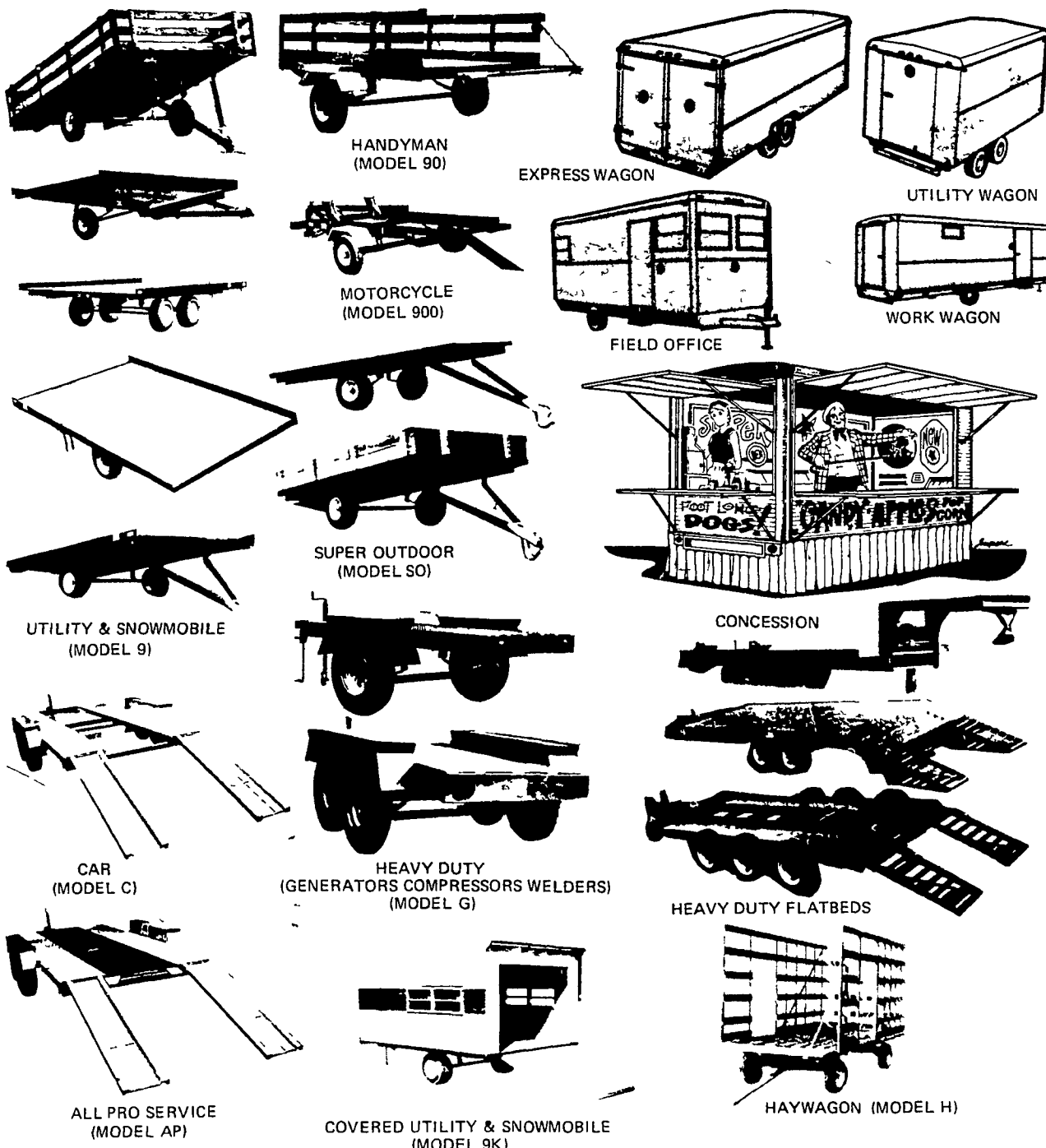
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'Rule of reason' urged for livestock liens

WASHINGTON, D.C. — Livestock Marketing Association on Dec. 11 urged a federal task force dealing with the sale of mortgaged livestock to adopt "a rule of reason" and recognize the authority of state law to govern such transactions.

LMA General Manager C.T. 'Tad' Sanders testified that "no additional burden of legislation" should be imposed on livestock producers, marketers or processors in dealing with the matter.

The U.S. Department of Agriculture Interagency Task Force was authorized by the Talmadge Tariff Deregulation Bill (P.L. 95-409) and was charged to make recommendations to Congress on how the existence of liens or other security interests in or against livestock could be made known to buyers and sellers.

Sanders noted that "all interests would be best served by a simple recognition of the commercial aspects of all livestock loans" and added that "money sources of livestock loans are private, banking and government. These have evolved into combinations in many

forms" and are best handled under state law, without any preference to government loans.

Sanders said that since security liens on livestock are filed under state law, state law should be relied upon to seek recovery, where necessary. "To proceed otherwise as the Farmers Home Administration and the Department of Justice do, imposes a gross injustice upon too many innocent parties in good faith, in too many instances amounting to hundreds of thousands of dollars."

He cited a number of cases where the government has filed federal lawsuits where the transactions involved security interests coming under state jurisdiction.

Sanders said LMA opposed any type of regulation that would involve "some type of written notice to marketing businesses of the existence of livestock liens."

Citing LMA's annual study that showed livestock transaction volume in 1977 was 230 million head, with a market value of \$34 billion, Sanders said the cost of such a regulation would be "excessive, and the immense

size of such an undertaking (would be) staggering."

And, he said, "Any such regulatory approach, however well intended, could not help but involve livestock owners and their credit sources to a degree which would be intolerable and contrary to their own rights of privacy and freedom."

Sanders also noted that "For many years this

marketing risk (of selling mortgaged livestock) has been an insurable one covering the infrequent instance where the seller defaulted without applying the proceeds of the sale on the loan ... such insurance coverage is available with different limiting factors at a reasonably small cost."

Such coverage has

generally made no exception, up to this time, of the type and kind of loan administered by the Farmers Home Administration, he said.

However, Sanders said, "It is readily understandable that with a continued course of pursuing its remedies to the extremes now being encountered, such a risk may no longer be in-

sureable or the cost of premiums will be prohibitive."

The task force must make its recommendations by Feb. 1, 1979. LMA, which represents some 1,300 subscribing businesses in the U.S. and Canada, said it welcomed "the opportunity to work with the task force" in resolving this issue successfully.

Goodyear Awards program attended

LITCHFIELD PARK, Ariz. — Grand award winners in the 31st annual Goodyear Conservation Awards Program have arrived here to begin a four-day, vacation-study program.

Attending from Pennsylvania are James E. Baird, Lock Haven, and James N. Conner, Mill Hall, representing the Clinton Conservation District. Representing Maryland will be Floyd Allred, Jr., Coloma, and Joseph W. Orr, Sr., Rising Sun, from the Cecil Soil Conservation District. And representing Delaware will be Rueben J. Ockels, Milton, and Kenneth K. West, Laurel, from the Sussex Conservation District.

Program participants include outstanding cooperators and board members representing the first place conservation districts in the competition sponsored by The Goodyear & Rubber Company in cooperation with the National Association of Conservation Districts.

Among the scheduled events are tours of the 12,360-acre Goodyear Farms, a proving ground for agricultural machinery and methods since 1917, and visits to some of the Salt River Project's facilities for water management and

power generation. The group also will tour scenic and historic locations in the Phoenix area.

The awards program

provides recognition to conservation districts and individual conservationists in the 50 states, Puerto Rico and the Virgin Islands.

Nearly 3,000 grand award winners have made the previous trips to Arizona and Florida since the program began in 1947.

Record crop

(Continued from Page 118)

holding capacity of 1.2 inches per foot of soil. They added six inches of irrigation water and got 16 inches of rainfall for a total of 22 inches of water over the growing season.

Their fertilizer program included 250 pounds of nitrogen per acre, 100 pounds of phosphorus and 170 pounds of potassium. They also added boron and other micronutrients. They applied most of their nitrogen broadcast, but made one application

through the sprinkler system as well. A preemergence combination of Aatrex and Dual gave them good weed control.

This is the Coreys' second year irrigating corn. In 1977 they got 181 bushels an acre with no-tillage, cooperating in a University of Delaware research/demonstration project.

Both Makin and the Coreys are what Mitchell calls "top managers." They show what a corn farmer can do, when he really gets his irrigation program together.

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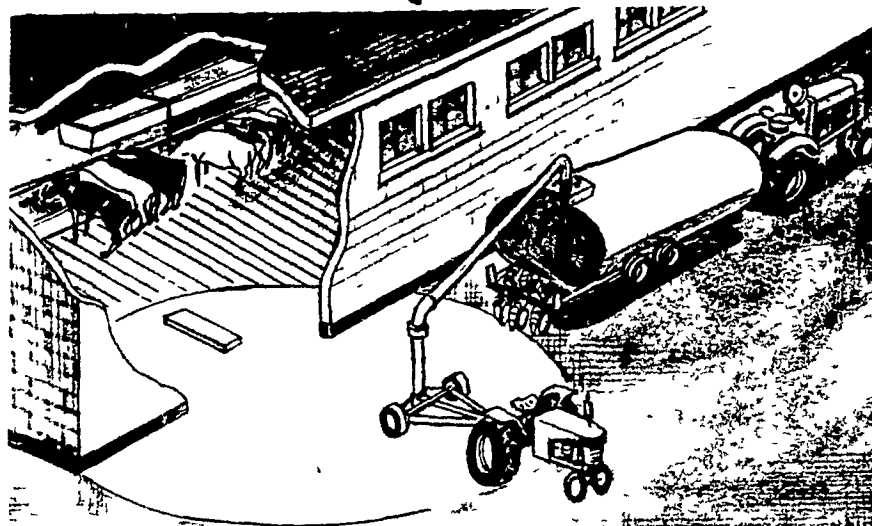
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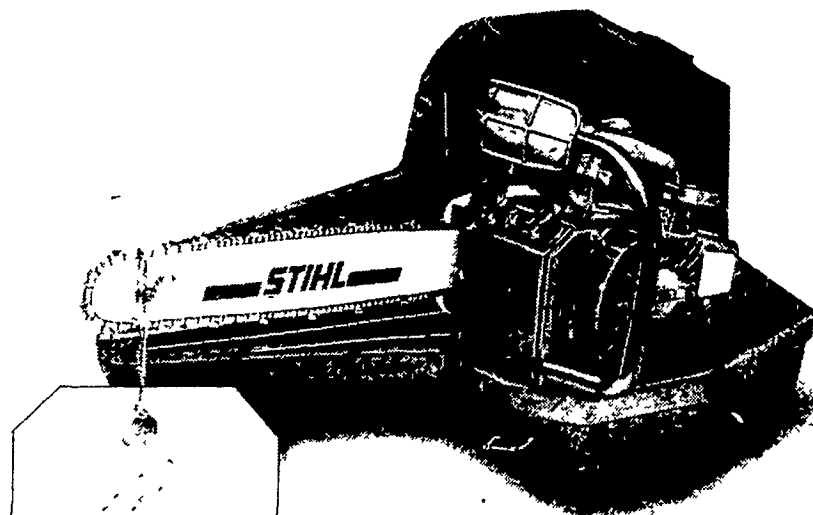
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Live evergreens last on after the holidays

MEDIA - Having a live holiday tree that can be used later as a landscape plant is for many families far more satisfying and valuable than cutting a tree each year only to discard it after the holidays.

If one likes the idea of a living Christmas tree, he should know a few facts before trudging home with a

tree he might not be able to use later, say experts.

One should consider where he will put it in his house and where he'll plant it after the holidays. The tree should match the room dimensions. The smaller the tree the better when it comes to maintaining a live Christmas tree indoors and taking it back outdoors later. A live

tree should not be kept in the home for more than two weeks. If one is going to keep his living Christmas tree, he should study the location where he would like to plant it after the holidays.

Conifers make excellent background plants for flowering trees and shrubs. Therefore, these plants are better suited along property lines rather than in areas close to the house. Needle-type evergreens also make excellent screens, windbreaks, and specimen plants. Scotch pine, white pine or Swiss stone pine are among the best long-needed Christmas trees.

For short needles, either Norway spruce, white spruce, or one of the blue spruce varieties would be best. Douglas fir makes a good Christmas tree and

landscape plant. Pine, if allowed to mature naturally, produce an interesting effect. They provide filtered shade, but should not be planted in locations where they shade streets, sidewalks and driveways during Winter months. They prevent the sun from melting ice and snow in these areas, causing hazardous slick spots.

Because of their natural shape, evergreens should not be planted where they will interfere with people's lines of vision, especially at intersections. Besides, conifers do not grow well in areas where heavy traffic and dust abound. Conifers grow best in soils that are rich in organic matter and have a low pH (acidic) and good drainage. They will not

survive in areas where the soil is wet.

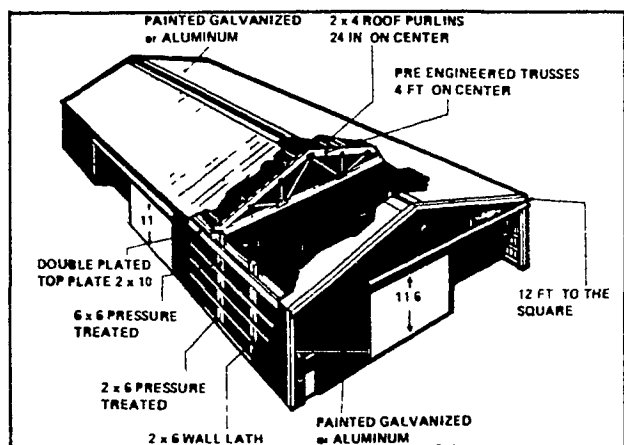
A live Christmas tree will consume tremendous amounts of water in a home. Keeping it supplied with water is very important. It is best to put the soil ball in a container and water before bringing it into the house. The earth ball should be moist but not soggy. Since conventional tree stands can't be used for living Christmas trees, they must be secured in other ways. One recommendation is to place the ball in an old automobile tire—this will anchor the tree and allow one to adjust the ball until the tree is upright. A person also can try inserting the ball in a plastic garbage bag or a heavy sheet of plastic to protect the floor from moisture.

After Christmas, if the temperature is in the teens or lower, one should delay planting the tree until the weather moderates. In the meantime, he can move the tree to the garage or some other protected place where it will be cool. One should plant the tree as soon as the temperature rises into the 20's or above. When ready to plant the tree, one can take it outside and again make sure that the ball of soil has enough water. When one has decided on a location for planting the tree, he should dig a large hole at least one

and ½ ft. wider and at least one foot deeper than the diameter of the soil ball. Then one back fills the hole partially with a mixture of soil and peat moss or compost. It is advisable to dig the planting pit in the fall before the soil freezes too deeply. One should keep the back fill in the basement so it will not freeze. One should set the tree in the hole and remove the burlap from the upper part of the ball. Then a person should fill in around the tree - making certain that the burlap is below the soil level. It is important that the top crown of the earth ball be about two inches above the soil surface.

One can remove all labels and tags from the tree and water it until all soil has settled in around the ball. Additional soil should be added if settling occurs. Once one has planted the tree, it is a good idea to apply two to four inches of mulch, such as pine needles, shredded bark, wood chips, or some similar mulching material. The mulch will help protect the plant from damage during winter and aid in weed control and prevent moisture loss in the summer. If the tree is set in a windy location one may have to attach guy wires to hold the tree upright. As with digging the hole, it would be well to drive the stakes into the soil before it freezes.

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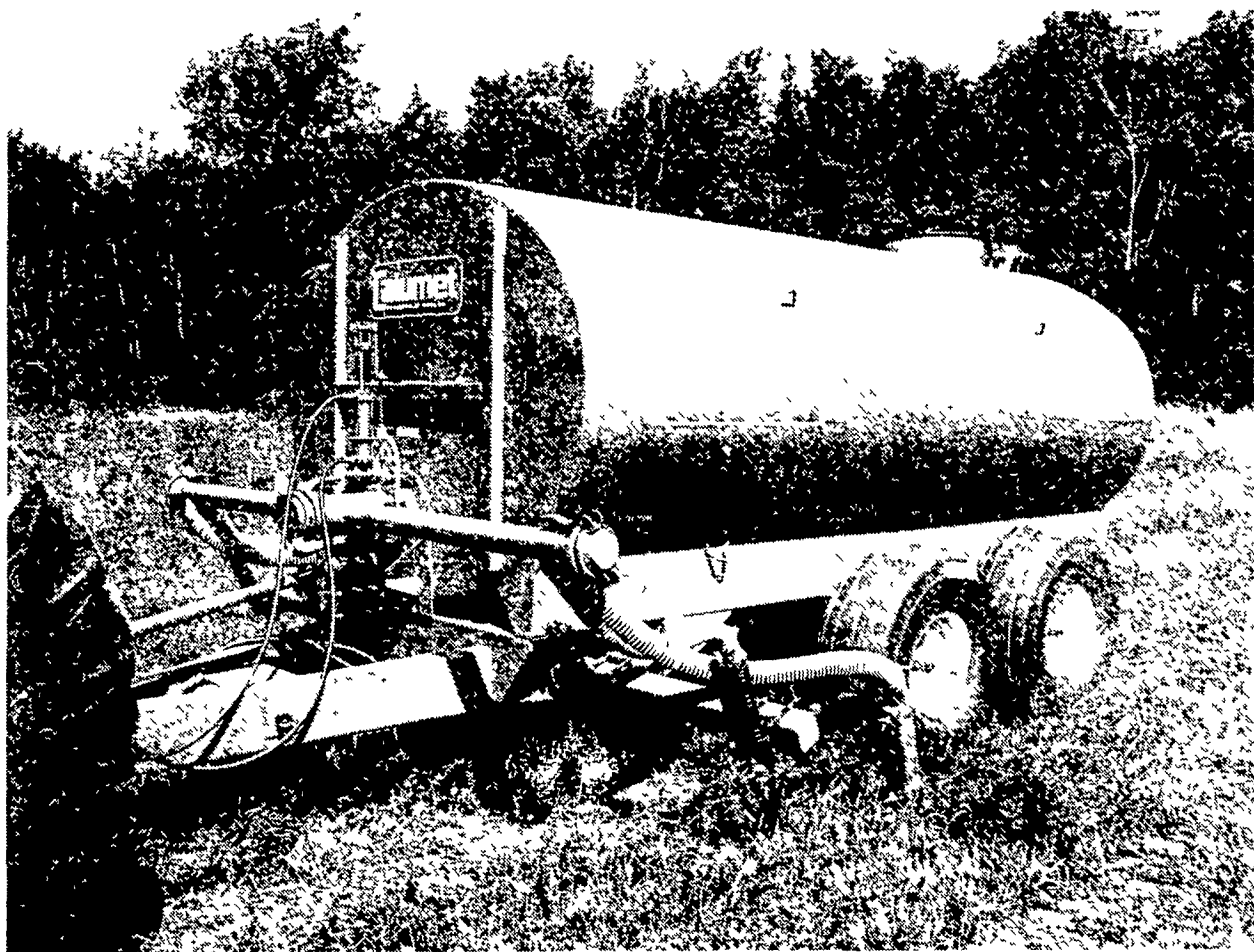
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Pa. Seed Act case settled

NEW YORK, N.Y. - Mock Seed Co., a division of the Mock Corp., Pittsburgh, Pa., has paid \$225 to settle a case involving alleged violations of the Federal Seed Act. The act, administered by U.S. Department of Agriculture officials, is a truth-in-labeling law designed to protect farmers and consumers who buy seed.

Clyde R. Edwards, seed official with the department's Agricultural

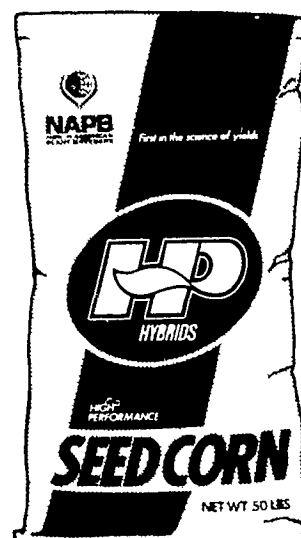
Marketing Service, said the firm, in agreeing to the settlement, neither admitted nor denied the charges.

The case involved one shipment of lawn seed mixture to Virginia in 1976. Alleged violations were false labeling as to the test date and percentages of components in the seed mixture and failure to test seed for germination within the required five months before interstate shipment.

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New air and water pollution regulations are being made

HARRISBURG — Public comment on possible new air and water pollution control regulations being proposed by the Department of Environmental Resources (DER) is being solicited by the Environmental Quality Board.

The proposed changes in air quality control regulations deal with sulfur dioxide and volatile organic compounds.

DER proposes to relax sulfur dioxide standards in some locations of the State while tightening them in others. The requested changes are based on scientific studies relating current levels of emissions to ability to meet Federal ambient air standards.

Where possible, the Department is seeking a new standard which is 80 per cent of the national standard so there is a margin for error and industrial growth.

In areas where the standards can be relaxed without jeopardizing air quality, utilities and other large users will be able to burn fuel with higher concentrations of sulfur and thus save on fuel costs. Where the standards must be tightened to meet the Federal requirements, fuel costs will rise.

Volatile organic compounds must be controlled for the State to work toward meeting the Federal standard on photochemical oxidants.

The elements of the proposed plan are stationary source control for Volatile Organic Compounds, transportation control measures in six urban areas and a vehicle emission control inspection and maintenance program in six urban areas. The urban areas involved in the latter two strategies are Allentown, Bethlehem, Easton, Scranton, Wilkes-Barre, Harrisburg and Southwest and Southeast Pennsylvania.

Changes in water quality standards are proposed as part of a comprehensive review of the standards statewide and are being reviewed.

A series of standards for water quality will be available

stream conditions; they do not prescribe what may or may not be discharged from a point source.

Walter A. Lyon, Director of the DERR Bureau of Water Quality Management, told the Board that through the Department's public participation activities 860 people have attended hearings on these proposed standards and 3,500 pages of testimony and comments have been reviewed by the staff.

The Quality Board agreed to publish both the air and water quality regulations in the "Pennsylvania Bulletin" to receive public comment and agreed to hold five hearings around the State on the air quality changes and one hearing in Harrisburg on the water quality proposals.

Informational materials on the proposals are available from the Environmental Quality Board, Box 1467, Harrisburg, Pa. 17120.

Forestry careers explained

ELVERSON — Forestry classes at the Twin Valley High School have recently heard speakers on forestry careers.

John Kitch from the Pennsylvania Department of Environmental Resources, Bureau of Forestry spoke on careers as a state government employee as a forester. He discussed the role of the Department of Environmental Resources in managing our forest resources. He also spoke briefly about the schools in Pennsylvania. Kitch is headquartered at Bucktown.

Hooper Marrow from Hopewell National Historical Site spoke to the class on careers with the National Park Service of the United States Department of Interior. Marrow, a native of Alabama, discussed the various types of National parks and the variety of work performed in each. He pointed out the gigantic

FLEMINGTON, N.J. — Mountains of pine and spruce trees tied in bundles are arriving, waiting to be sold for Christmas. Many of these trees were cut weeks ago and shipped long distances.

If one lives in an area where he can get his Christmas tree from a local grower, he can be assured of a fresh tree by going to the farm and cutting it himself or having it cut when one calls for it.

In either case, what one does with the tree after he gets it home will determine its appearance and safety when it is set up indoors.

Charolais show set

SIoux FALLS, S.D. — Charolais breeders from throughout the United States, and from several foreign countries, will gather here Jan. 30 to Feb. 2 for the 22nd annual membership meeting of the American-International Charolais Association.

Events scheduled include the 10th National Charolais Show, a Roll of Excellence event, the sale of 40 head of selected Charolais seedstock

Experts have some tips on how to maintain good tree color, reduce needle drop, and keep tree moist and more resistant to fire.

These include:

When you bring your tree home from the market, place it in a bucket of water outdoors or in a cool place until you are ready to decorate it. Exposure to snow or rain won't hurt it, but heat will dry it out and cause the needles to drop early.

When you're ready to bring it indoors, make a fresh cut across the trunk about an inch above the

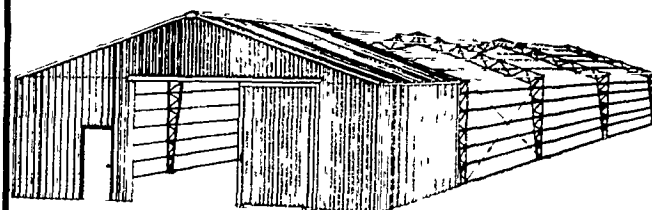
original one. The tree will absorb more water.

Place the tree in a container or tree holder filled with water. Never place the tree near a fireplace.

Keep the cut surface covered with water at all times. A tree in a warm room may use a pint of water a day. The larger the container the fewer times you have to fill it.

The United States Forest Products Laboratory investigated the benefits of fire-retardant chemicals on Christmas trees and concluded that keeping the tree standing in water is about the most practical, satisfactory, and convenient method for reducing fire hazards and preventing the needles from discoloring and falling.

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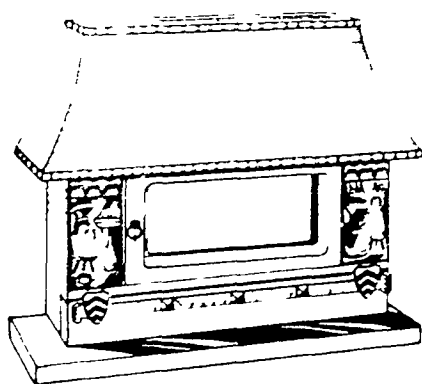
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Two brucellosis rules to be enforced

NEW YORK, N.Y. — A new record-keeping measure will soon be enforced by states dealer registration and cooperating in the national

campaign to control and wipe out brucellosis, a U.S. Department of Agriculture veterinary official reports.

Paul Becton, director of the national brucellosis eradication program with USDA's Animal and Plant Health Inspection Service said:

"As early as Jan. 1, states will begin implementing the rules for S-branding of untested breeding cattle shipped from other than brucellosis-free areas to slaughtering plants or quarantined feedlots."

He noted that the state animal health officials have until Jan. 20 to comment on a model law or regulation concerning cattle dealer registration and record-keeping. With no serious objections, it will become part of the "Uniform Methods Rules" for brucellosis eradication on Feb. 1.

The UMR sets minimum regulatory standards for enforcement by state agencies, Becton explained. Once UMR changes are published by USDA, state agencies have a reasonable time to put them into effect as regulations or laws.

"The S-branding is needed," said Becton, "to prevent diversion of untested cattle from slaughter destinations onto farms or ranches — a source of considerable disease spread in the past." Also called Bang's disease, brucellosis can be very costly to producers in terms of reduced

calf crops and lower milk yields.

According to Becton, the S-branding as well as the dealer registration and record-keeping provisions were approved and recommended by the U.S. Animal Health Association, an organization representing state animal health agencies and major livestock industry groups.

"Registration and record-keeping by dealers will greatly aid in tracing animals back to herds of origin when reactors are found through testing of blood samples taken at markets or slaughtering plants," Becton said.

Affected will be wholesale cattle dealers — persons who buy or sell cattle as a business. A person who only buys or sells cattle as part of a bona fide breeding, feeding, dairy or beef operation, or who receives cattle exclusively for slaughter on his premises will not be affected, according to Becton.

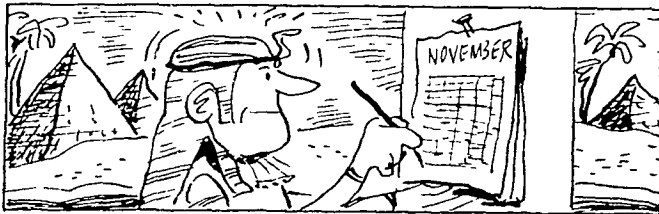
Copies of the UMR changes may be obtained from local Veterinary Services offices of APHIS, or from state animal health offices.

Lancaster Farming, Saturday, December 16, 1978—123

Sale reports

Auctioneer John E. and Paul E. Martin, 1st annual Year-end Public Auction of New and Used Farm Equipment and Hardware, Sat. Dec. 9, 1978 at Farmersville Equipment Inc, RD #4 Ephrata, Pa. Attendance well over 1,000. Weather - rain all day. Equipment sold: New tractors-Kubota B-6000 \$2825; Kubota L-185 w/loader \$4,150. Used Tractors-Ford 801 \$1500; JD 2010 \$1350; Farmall A \$500. New Equipment - Fox 2250 harvester \$4975; Fox forage wagon #3100; Bush Hog 14' disc \$4000; White 252 disc 10' \$1925; Brillion 12' cultmulcher \$2000; Sauder snow blade \$375; White 263 disc 12' \$2400; Tandem running gear \$940; Hawk Bilt 187 spreader \$1800; White 5400 4-row planter \$3175; J&M gravity bin w/10 ton running gear \$10,020; Brillion 15' cultmulcher \$2200; White 348 3B plow \$1950; Brillion 16 1/2' field cult. \$1400; Glenco Soil Saver 5 tooth \$2450; Bush Hog 6' rotary cutter \$650; Brillion 7' chisel plow \$1160; White 508 3B plow \$2000 Sauder Hi-Lift loader \$825; Bush Hog 10 1/2 rotary cutter \$1600; Brillion 10' seeder \$1800; White 4-row cultivator \$600; Bush Hog 10' chisel plow \$980; Hawk Bilt 157 spreader \$1200; King 11 1/2 offset disc \$3150; White 251 9' disc \$1600; Post hole digger \$200. Used Equipment - Oliver 3B semi hyd reser plow \$1220; Oliver 565 4B plow \$850; Oliver 3B trailer plow \$580; Fox 546 Harvester \$410; Fox 425 Harvester \$700; Imco 3 pt. disc \$435; Oliver 3242 3B plow \$550; Oliver 2-row cultivator \$250; Oliver 2B trailer plow \$250; JD KBA disc \$385; Oliver 4B plow \$675; Oliver 10' field cultivator \$470; Oliver 62T baler \$480; Oliver 20' disc \$1450; JD KBA Dic \$590. The management would like to thank everyone for helping to make their 1st annual sale a big success Robert Howe, Jr., R2 Stevens, Pa. and Ivan G. Martin, RD4 Ephrata were the winners of the Homelite Chain saws given to registered adults.

have a nice weekend...



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1623 Drawn Flexible (29 to 41 foot)	\$300	\$175
1610 Drawn Flexible (29 to 37 foot)	\$400	\$250
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EQUIPMENT	FEB 28, 1979	JUNE 30, 1979
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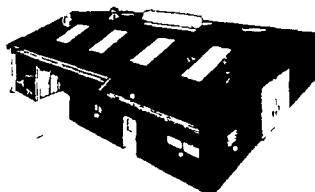
Whiteford, Md. 21160
Phone: 301-452-5252



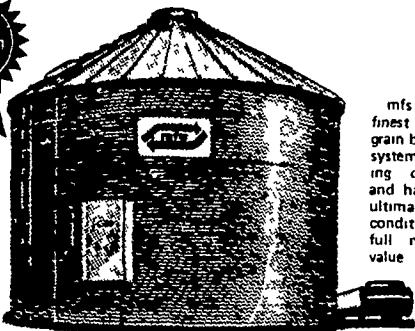
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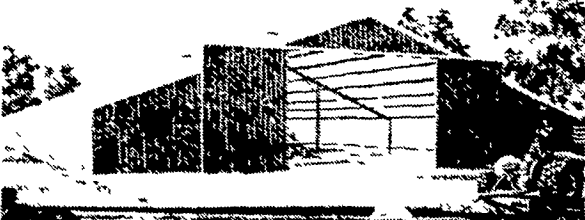
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Sale reports

A Public Sale of Livestock, Farm implements and Household goods was held December 9 by Earl Eberly, on the Rufus Furlow Farm northeast of Sinking Spring. It was a good sale despite the weather.

Some items sold included: Self-propelled Combine \$2850, #276 Hayliner \$2825, Silage Harvester \$1085, Case Tractor \$7100, Farmall #560 Tractor \$2850, Int. #445 Tractor & Loader \$3625, 5-Bottom Plow \$1650, Grain Drill \$1230, Manure Spreaders \$1200 & \$410, Rubber Tire Wagons \$420 & \$160, Gehl Silage Wagon \$1275, Int. Silage Wagon \$2450, Disc Harrow \$650, Milk Cans \$9 to \$21, Hay \$36 to \$50 per ton, Straw \$51 to \$70 per ton, Milk Tank \$300, Jelly Cupboard \$150, Wood Chest \$120, Brass Bed \$100, Lantern \$21, Cocks up to \$15 each and the cows ranged from \$500 to \$925.

Sale conducted by H.H. Leid Auction Service.

xxx

Two tracts of business and residential real estate was sold on December 8 by the

Nathanial Longenecker Estate. They are located at 1834 Oregon Pike, Lancaster, Pa.

The 1.2 acre property with an old 2½ story brick house was sold for \$100,000 to Frank J. Abel, 1333-Valley Road, Lancaster, Pa.

Manheim Township bought the 14.28 acre property located behind the Manheim Township Municipal Building for \$85,000.

Auction conducted by Kline Auction Service with Randal Kline & Lloyd Kreider.

xxx

A Public Sale of machinery and antiques was held December 9 by James V. Faddis about 5 miles south of Oxford, Chester Co., Pa. It was a very rainy day.

Prices received were: Bin Wagon \$460, Hay Wagon \$410, Geese \$10 each, Feeder Pigs \$50 each, Hay up to \$55 per ton, 11 pc. Dining Room Set included: 8 chairs and table \$550, Corner Hutch \$210 and Drysink \$120.

Auctioneer was John M. Umble.

A Dispersal Sale was held December 5 by Roy J. and Ruby K. Dice, 4½ miles northeast of Shippensburg, Cumberland Co., Pa. A good-sized crowd attended.

The top priced registered Holstein cow sold for \$2850 and the 2nd high was \$2450. The average for the milk cows was \$1429.

Machinery sold as follows: J.D. 4020 Tractor \$7700, J.D. 620 Tractor \$2800, N.H. 271 Baler \$2025 and N.H. 717 Harvester \$950.

Ralph W. Horst was the auctioneer.

xxx

The Golden Harvest & Garden Spot Sales was held December 7 at the Guernsey Sale Pavillion, 6 miles east of Lancaster, Pa.

The top Female, a 2 year old Heifer, bred by Furry H. Frey, Lancaster, was sold for \$7500; the 2nd high was a 2 year old Heifer consigned by John & Harry Thompson of Newtown and sold for \$7300; the 3rd high was also a 2 year old Heifer consigned by Harry Colmorgan, New Jersey and sold for \$6600.

The average for the feature part of the sale was over \$4000.

R. Austin Backus Inc., were Sale Mgrs. & Auctioneers.

xxx

A Public Sale of real estate was held December 9 by

Mrs. Jeff Coats on the old Strasburg Pike between Gap and Parkesburg, Lanc. Co., Pa.

The 120 acre farm had about 66 acres of tillable land plus a stone house, frame barn, milk house and a 2 story frame tenant house. It was sold for \$396,280 to John B. Fisher, Intercourse, Pa.

Auctioneer was Chet Long.

xxx

A Public Sale of real estate and household goods was held December 9 by Elmer Z. High, 1 mile north of Ephrata on Mohler Church Rd., Pa. There were 330 registered buyers present.

The 2 acres of land with a 2½ story frame dwelling and stone and frame bank barn was sold for \$48,600 to Ernest Eby, R.D., Stevens, Pa.

Also sold was 4 acres of woodland on Ephrata Mountain for \$18,000 to Ronald Royer, Brownstown, Pa.

Other items sold were: Roper Hydro 13 H.P. Riding Mower \$1470, Garden Tiller \$120, Push Lawn Mower \$190, Slant Top Desk \$310, Maytag Wringer-Washer \$130, Bookcase & Desk Combination \$190, Refrigerator \$190, Sideboard \$300, 3 pc. Maple Bedroom Suite \$175, Straw Cutter \$22.50, Quilts \$30 to \$77.50 and Oliver 60 Tractor, Cultivator & Plow \$425.

Auctioneers were Nevin Z. Martin and Lewis B. Groff.

xxx

A Public Auction was held December 9 by Luke and Emma Dietrich, 12 miles north of Reading, between Shoemakersville and Centerport, Berks Co., Pa. There was a good turnout for the sale.

Farm Equipment sold included: J.D. 4000 D Tractor \$8350, N.H. Crop Carrier Wagon \$1725, J.D. Disc 10' \$875, J.D. 630 Tractor \$2650, J.D. #40 Combine \$2575, J.D. 5-Bottom Semi-Mounted Plow \$1000, J.D. 4-D 3 pt. Plow \$350, 4 Wheel Bale Wagon \$940, N.H. Self-Prop Haybine \$3900, N.H. #256 Rake \$1000, J.D. Corn Planter 4-row \$1240 \$1300.

Sale conducted by Ralph W. Zettlemoyer Auct. Co.

A Public Sale of real estate was held December 9 by Joseph H. Horning and Mabel Z. Horning in the village of Bowmansville, Lanc. Co., Pa.

The 2½ story, 7 room frame dwelling on a ½ acre lot was sold for \$35,200 to I. Herbert Horning, R.D.2, Reinholds, Pa.

Auctioneers were LeRoy S. Horst and Paul W. Horst.

xxx

On Friday, December 1, a sale was held John Cowling, Sussex, N.J., for 55 Holstein cows, 17 of them registered.

The top cow sold was a registered Kingpin, bringing \$28,000. It was bought by an Amish man from Lancaster County. The 55 head sold averaged \$364.

Sales manager was Col. Fred R. Daniel, Neshanic Station, N.J.

AUCTION SALE

THURSDAY, DECEMBER 21, 1978

7:00 P.M.

Contents from one of the oldest estates in Historical Cape May, New Jersey. Loaded with antique glassware and collectables, pictures with old frames, handwoven Oriental rugs, Victorian and Empire furniture, Piano and antiques galore. A sale you cannot afford to miss.

ODESSA AUCTION SALES, INC.

Box 255, Rt. 13

Odessa, Delaware 19730

(302) 834-7199 (302) 378-9822

PUBLIC AUCTION

At Farm located on Dutch Neck & Port Penn Roads, 1 mile East of Rt. 13, one mile South of St. George's Bridge (4 miles North of Odessa, Del.)

MONDAY, DECEMBER 18

At 11:00 A.M.

FARM MACHINERY: John Deere 4020 D Tractor 1375 hrs., JD 5x16 semi-m. plows, JD spring & spike harrow, JD 4-row rear cultivators, Brillion 13' cultipacker, 2 grain bin wagons, Oliver pull type 2-row #83 picker, Easy Flow spreader, Liquid Manure pump, etc...

'74 Chev. C65 grain truck, '54 Chev. grain truck... Also: Int. 806 diesel tractor (dual wheels), 12' Ferguson 3 pt. chisel plow & harrow, A.C. 14' road disc, 15½' Brillion transport cultipacker, 4-row rear cult.

Some household goods, elec. stove, wood cook stove, space heater, etc....

Owner

RICHARD H. BAXTER

Odessa, Delaware

Harry Rudnick & Sons, Inc.

Sales Managers & Auctioneers (301) 648-5100

Lunch

EMPIRE'S

ONEONTA MARKET

Rea Campbell-Carolay Farms

Salem, NY

THURSDAY, DECEMBER 21, 1978

1:30 P.M.

Selling at Empire's Oneonta Market, Mr. Campbell's entire milking herd of 31 Registered cattle & 1 Grade. There are 10 fresh cows, 10 handling or bagging, the balance in various stages of lactation.

Included in this selection of top cattle is a VG 85 Penstate Star Man fresh Nov. 30. She produced 20,757M, 3.6%, 747F in 364 days her last lactation; A G+ Astronaut due in Jan. to Amigo; A G+ Capsule daughter due by sale time. Other sires include Astronaut King, Traveler, Marge, Double Triune, Apostle. Several cows are bred to Willow. The herd average is currently 15,932M, 3.7%, 583F.

Necessary cattle bed examined for pregnancy. Nasalgen. Blood & TB tested - ready for immediate interstate shipment.

EMPIRE LIVESTOCK MARKETING COOPERATIVE

Oneonta, NY

Phone: 607-432-5710

Lynn Wright, 607-844-8574

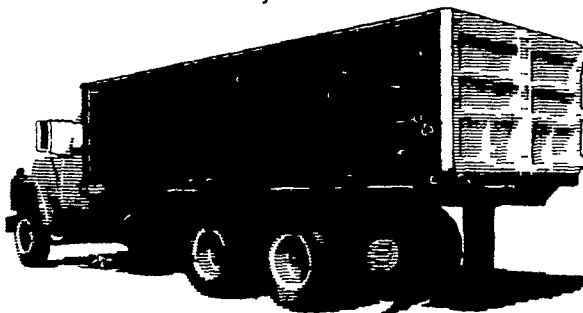
John Weidman, 607-263-5933

Livestock & Grain Bodies

Bigger Than Ever, Better Than Ever

Precision engineered roll formed 52" high steel sides provide greater capacity at less cost.

We've built rugged truck bodies for over 50 years and today we're continuing that tradition. That's the reason you can't make a better investment than an Omaha Standard steel or hardwood farm body.



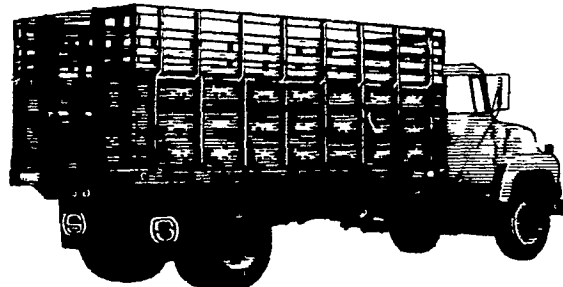
■ One-piece roll formed steel sides with built in tarp rail. Available in 28", 40" and 52" extra-capacity heights all with maximum corrugation for maximum strength.

■ 40" and 48" hardwood sides also available the truck body Omaha Standard built its reputation on.

■ The toughest platform in the business—laminated wood, smooth steel or tread plate.

■ Easy-conversion hardwood upper racks greater flex and life than steel fold down racks.

■ A full line of rugged gates all engineered to make your job easier.



Omaha Standard Hoists

■ Seven precision-engineered scissor hoists from 4 to 34 tons for bodies 8' to 24'.

"Olympic Series" twin telescopic hoists with greater torsional stability for bodies 16' to 26' and 15 to 43 ton capacity.

Omaha Standard bodies and hoists

time-tested

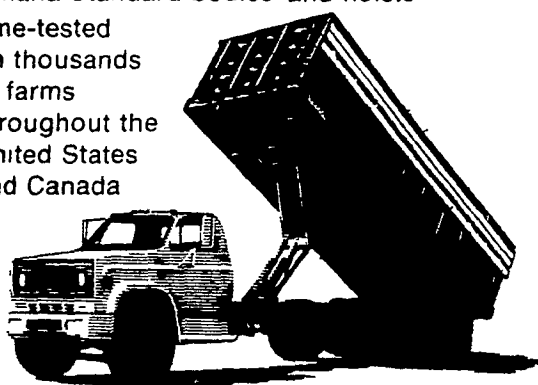
on thousands

of farms

throughout the

United States

and Canada.



Look to Omaha Standard for the best. Our equipment takes all the punishment you can dish out and comes back for more, year after year. We stake our reputation on it.

We've been a part of successful farming and ranching for over 50 years.

FARMERSVILLE EQUIPMENT INC.

RD 4, EPHRATA, PA

PHONE: 717-354-4271

STORE HOURS: MON., TUES., WED., FRI. 7:30 - 5:30

THURSDAY 7:30 TILL 9 P.M.; SATURDAY 7:30 - 3:00

Omaha Standard



FIRST ANNUAL PUBLIC AUCTION

AG-IND. EQUIPMENT CO., INC.
RISING SUN, MARYLAND

**WATCH FOR SALE LISTING
OF NEW & USED EQUIPMENT**

MONDAY, JANUARY 29, 1979

10:00 A.M.

AG-IND. EQUIPMENT CO., INC.

Route 273 East

Rising Sun, MD 21911

Phone: 301-658-5568 or 301-398-6132

Auctioneer -

Blaine N. Rentzel

Emigsville, PA 17318

Kenneth Allen Estate

COMPLETE DISPERSAL

Located on Ashley Hill Road off Route 549, 5 miles from Mansfield, Pa., 7 miles from Roseville, 25 miles from Elmira, N.Y. Watch for arrows off Route 549.

THURSDAY, DECEMBER 21

At 10:00 A.M. Sharp

79 - Head of High Grade Holsteins - 79

2 Jersey 77 Holsteins

Herd consist of 60 mature cows, 11 breeding age hfrs. 7 started calves & 1 herd sire. Nearly half of this herd have freshened in past 2 mo. or will be fresh in the next 2 mos. Shot for shipping fever, interstate tested, preg. ex., charts day of sale. A good producing herd.

Machinery

3 Ford 5000 tractors, one with 4 wheel drive & loader; 75 F100 - 4 wheel drive Ford truck w/cattle rack; old 4 wheel drive Jeep; NH 277 baler w/thrower; NH 479 haybine; NH Super 717 chopper 2 row corn & pickup heads; NH 256 side rake; 5 hay wagons w/kicker racks; 3 Lamco self unloading boxes & running gear; IHC 4 row corn planter; Ford transport spring tooth harrows; Ford transport disk; Ford 4 bottom semi mounted plows; IHC 3 bottom plows; Ford 6 ft. rotary mower; Ford 903 post hole digger; 3 pt. hitch post pounder; Papec hopper blower; Hawk 157 barrell spreader, hyd lid; gravity grain box & running gear; transport weed sprayer; hay elev. w/motor; 2 extra running gears; 2 farm trailers; old grain drill; 3 pt blade extra buckets & blades; Dexter Michigan power driven barn sweeper; tractor chains; hyd. cyls., Badger barn cleaner & chain; 4 milker pumps; 4 barn fans; 48 stanchions; 38 drinking cups; water lines; air lines; LPS tank; wheel barrows; log chains; elec fencers; elec. motors; corw chippers; corw trainers; corw chains & numbers, forks; shovels & other items

Milk House Equip. & Produce

Mueller 600 gal. bulk tank w/washer; Bender dump station w/washer & dryer; 5 DeLaval milker units; elec. water heater; elec. milk house heater; wash vats; pail; strainers; approx 125 ton hay to be sold in lots; approx 100 round bales; 2 trenches of good corn silage, approx 1500 bu ear corn & wire type corn crib.

Sharp Tools & Equip.

20th Century 295 amp. welder; acetylene torches; air compressor; drill press; vice; grinder; socket sets; elec. hand saw; several bolt bins; tool chest; oil drums & pumps; 55 gal. #30 diesel oil & large quantity of good small tools & supplies. Be on time as we have a big sale & must start promptly.

Selling order: Small Items 10:00;

Machinery 11:15 — Cattle Approx. 1:00

Terms: Cash or Good Check.

Sale under cover

Lunch available

Owner & Administrator

LILA ALLEN

Auctioneer - Arlow Kiehl

Sales Mgr.

GORDON WOOD

Mansfield, Pa.

Ph: 717-549-4901

For the most in advertising coverage and preparing your sale. Call Wood's Auction Service.

DECEMBER

SAT DEC 16 - 10 30 A M Public Sale of 34 Acre Farm, Farm Equipment, Etc Located on the premises in Little Kutztown, Jackson Twp., near Fire House, Lebanon Co Rt 645 north of Myerstown Conditions by Mary Jane Gettle & Melvin Gettle, Sr Auctioneer G Harvey Weik

SAT DEC 16 - 1 P M Mini Acres 1st Purebred Yorkshire Production Sale Located at Lebanon Fair Grounds Cornwall & Evergreen Rds, 1 1/2 miles South of Lebanon, Pa 60 Head Bred Gilts, Open Gilts, Service Boars Auctioneer Ralph W Zettlemoyer Mail for catalog to Edward H. Oswald, R D 2 Box 396, Slatington, Pa 18080

SAT DEC 16 - 10 A M Public Sale of Real Estate, Antiques, Household Goods, Guns & Coins Located along Hill Top Dr., R D 1 Conestoga, Conestoga Twp., Lanc Co., Pa (at Leo Smith's Store take River Corner Rd to Hill Top Dr, turn left to sale) Sale by Ruth N Rineer Estate (Mrs Clarence S Rineer) Howard Shaub & Roy C Probst Auctioneers

SAT DEC 16 - 1 P M Feeser's Production Sale Located at New Holland Feeder Pig Sale Barn, New Holland, Pa Auctioneer Abe Diffenbach

SAT DEC 16 - 9 30 A M Public Sale Farm Machinery, Antiques, Household Items & 10' Aluminum Boat with Oars Located on Rt 209 between Elizabethville & Loyaltown, Pa (across from the R & K Diner) Owner Harmon V Tunison Auctioneer Lee D Dockey

SAT DEC 16 - 2 P M Public Sale of Real Estate Located along South Main St., Reamstown Across from the Reamstown Elementary School Owner Chester K Long Auctioneer Dave Thomas

SAT DEC 16 - 10 A M Public Auction of Valuable Antiques & Personal Property Located 1 mile West of Wagontown, Pa on Rt 340 Sale by Fred S Oberholser Auctioneers Ira Stoltzfus & Son & Jay Leary

SAT DEC 16 - 10 A M Autotore's Auction Located R D 2 Catawissa off Rt 42 South of Bloomsburg Turn at Three Points, follow auction ar-

rows Seller-First Eastern Bank, Guardian for Paul (Butch) Smoczynski Auctioneer John Autotore

SAT DEC 16 - 10 A M Public Auction Farm Machinery, Hay & Straw Located at Newbolds Corner Rd., Vincentown, NJ From NJ turnpike exit 7 take Rt 206 South 14 miles to Vincentown Follow signs to Newbolds Rd Sale for Samuel P Alloway Col Richard P Allen, Auctioneer

SAT DEC 16 - 10 30 A M Public Sale No Annville Twp 91 Acre Farm Located at 1971 Thompson Ave., N Annville Twp., Lebanon Co., Pa (Take Rt 72 North to New Bunkerhill & turn left on road to Waterworks, approx 1 1/2 miles to farm or at red light in Annville, turn north to Thompson Ave) Terms & Conditions by Jonestown Bank & Trust Co Attorney in fact for Leon W & Carolyn R Kern, Owners Clayton C Kleinfelter, Auctioneer

SAT DEC 16 - 11 A M Public Auction of Farm & Lawn Equipment, Tools & Household Items Located at Ross Haven Farm just off Flatland Rd on Morris Rd, 2 1/2 miles West of Chestertown, MD Owner Kenneth Ross Auctioneers H Rudnick & Sons

MON DEC 18 - 2 P M Danville Livestock Market Hog Sale, Old Route 11, Danville, PA

MON DEC 18 - 11 A M Public Auction of Farm Machinery Located at farm on Dutch Neck & Port Penn Roads, 1 mile East of Rt 13, one mile South of St George's Bridge (4 miles North of Odessa, Del) Richard H

Baxter - Owner Harry Rudnick & Sons, Inc Sales Managers & Auctioneers.

MON DEC 18 - 9 30 A M Consignment Sale Located at S Race St., Myerstown, Pa. 17067 Saler held by Wengers Farm Machinery, Inc

TUES DEC 19 - 9 A M Bankruptcy/Secured Party Auction Sale, Late Model Farm Equipment, Dump Trucks, Dump Trailers, Shop & Office Equipment, Parts, & Supplies Located at Schoeneck Farms at the intersection off Schoeneck Rd & Alburts Rd. about 2 miles North of Macungie, Pa, just West of Rt. 100 about 2 miles South of Trexlertown, Pa, about 6 miles Southwest of Allentown, Pa Sale held for Schoeneck Farms, Inc Vilsmeier Auction Co., Inc

TUES DEC 19 - 6 P M Farmersville Auction. In Farmersville, 3 mi East of Brownsstown, Lancaster County, PA

SAT DEC. 20 - 7 P M Danville Livestock Market Horse and Tack Sale, Old Route 11, Danville, PA

THURS DEC 21 - 5 30 P M Public Auction at the Hat & Gavel Auction Co., located on mile North of Lititz along Rt 501 Auctioneer Wilbur H Hosler

THURS DEC 21 - 7 P M Auction Sale Odessa Auction Sales, Inc Box 255, Rt 13, Odessa, DE 19730 Contents from one of the oldest estates in Historical Cape May, New Jersey

THURS DEC 21 - 10 A M Kenneth Allen Estate Complete Dispersal Located on Ashley Hill Rd off Rt 549, 5 miles from Mansfield, Pa, 7 miles from Roseville, 25 miles from Elmira, NY Watch for arrows off Rt 549 Owner & Administrator - Lila Allen Auctioneer Arlow Kiehl Sale Manager Gordon Wood

THURS DEC 21 - 1 30 P M Empire's Oneonta Market, Rea Campbell-Carolray Farms, Salem, NY Selling at Empire's Oneonta Market Sale conducted by Empire Livestock Marketing Cooperative

FRI DEC 22 - 1 30 P M State Graded Pig Sale at Westminster Livestock Auction, Westminster, MD

Merry Christmas & Happy New Year



**SPECIAL
HOLSTEIN
SALE
MELVIN
KOLB
INC.**

**THURSDAY,
DEC. 21
11:00 A.M.**

At my Maryland Barn located 1/2 mile N.W. of Woodsboro on Rt. 550 in Frederick Co.

FREE LUNCH for everyone. All you can eat.

FREE TURKEYS: Everyone that buys a cow receives a free turkey.

**150 Head of HOLSTEINS hand picked
by us personally 150**

These cows were selected from some of the better herds in five (5) states:

2 trailer load from Wisconsin

1 trailer load from New York State

1 trailer load from Western and up state Pennsylvania

A few fancy head from Maryland.

We spent a lot of money and miles to put this group together. There are too many top ones to put in this ad individually

There will be 75 Purebreds of the finest quality Several classified and with D.H.I.A Records. They are the best picked out of the very best herds we could find. Some of these cows are milking up to 100 lbs. per day. 25 big Purebred first calf heifers fresh, milking up to 75 lbs per day.

Also 50 big fancy grade cows just fresh or close to freshening. 25 fancy grade first calf heifers just fresh, 25 good grade heifers close to freshening. Several top Purebred heifer calves will be sold also.

This is a special time of the year for the entire KOLB organization We want to thank everyone for their friendship and for their patronage during this past year Please everyone set this date aside and come to see our great selection of fine cattle

EVERYONE come early - get all you can eat and buy a cow and receive a FREE turkey.

EVERYONE is invited.

Sincerely

THOMAS MILLER

Sales Manager

Lancaster County residents: If you need transportation to go to this Sale, please call 393-7459 no later than Wed. noon and someone will pick you up.

Robert Mullendore, Auctioneer

Marvin A. Eshleman, Pedigrees

Mehrle Wachter, Clerk

Maryland Farm:

R.D. 1, Woodsboro

Maryland 21798

301-898-7720

Home Farm:

2220 Dairy Road

Lancaster, PA 17601

717-569-2106

PIGS

STATE GRADED SALE

FRI., DEC. 22

1:30 P.M.

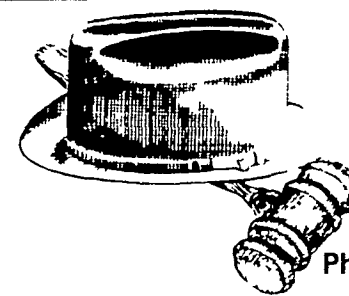
AT

WESTMINSTER

LIVESTOCK AUCTION

Westminster, Md.

Phone (301) 848-9820



**HAT &
GAVEL
AUCTION CO.**

Phone (717) 626-0254

Rte. 501 One Mile North of Lititz, Pennsylvania.

PUBLIC AUCTION

to be held at our Auction Gallery
THURSDAY EVENING, DECEMBER 21, 1978
5:30 P.M.

FURNITURE, COLLECTIBLES

Swivel rocker, tinware, Carnival punch bowl, Seth Thomas mantel clock, love seat, (one) 10 pcs. dining room suite, (one) dining room suite with round extension table, bowed china closet, 6 needlepoint chairs, buffet, and server, both in excellent condition; child's roll top desk, wooden wheel barrow, hooked rugs, plus many, many more things.

For More Information Write or Phone:

Wilbur Hosler, Auctioneer (717) 626-0254

Harold K. Galebach, Partner

RD 2, Newport Rd., Lititz, Pa. 17543.

Receiving Hours: Monday, Noon to 9 P.M.

Wednesday, 9 A.M. to 5 P.M.; Tuesday, Pickup Day.

Positively No More Garage Sale Leftovers
Will Be Received.

Public Sales Register

FRI. DEC 29 - 1 P.M. On The Farm Monthly Bred Gilt Sale. Located 18 mi. South of Lancaster, 6 mi. South of Quarryville, take 272 to Little Britain, turn North, follow Little Britain Rd. to Jackson Rd., turn East, second farm or take 222 out of Quarryville to Little Britain Rd. to Jackson Rd. Watch for sale arrows Owners Christ A Beiler & John B. Stoltzfus Abe Diffenbach Auctioneer

JANUARY

MON. JAN. 1 - 9 A.M. - Farmersville Auction Annual New Years Day Antique Sale In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer.

MON JAN 1 - 10 A.M. Public Auction. Located at Potties Auction Barn, on U.S. 11 midway between Carlisle & Shippensburg A Lot of Antiques, Collectible & Modern Items For Information call Potty 717-776-3577.

WED JAN 3 - 9:30 A.M. Consignment Sale of Tractors, Farm Machinery, Horse Drawn Implements New Tools and Hardware by David H Good, located 1/2 mile North of Route 23 on North Maple Ave., in Leola, Lancaster Co., Pa. Watch for sale signs F. Snyder, R. Martin, C. Wolgemuth, J. Fry, and L. Horst, Auctioneers.

THURS. JAN 4 - Horst's Farm Equipment Sale at Marion, Pa

FRI. JAN 5 - 9:30 A.M. Public Sale of Horses, Dairy Cattle, Horse Drawn Machinery & Some Furniture. Located 4 miles West of Winfield, Pa or 4 miles East of New Berlin, Pa. on Rt. 304, turn South at Dry

Valley crossroad, 2nd farm Isaac J. & Anna L. Yoder, R.D. 1, Winfield, Pa Owners Mark Glick Auctioneer.

SAT JAN 6 - 2 P.M. Public Sale of Valuable Woodland, 24.96 acres, zoned R2 Located in Caernarvon Twp., Lancaster Co., PA. Take Rt 10 South at Morgantown, go 2 1/2 miles turn right on Shirktown Rd., 5 mile turn left on Chestnut Oak Rd., .3 mile to tract. Terms by Minnie Howe Robert E. Martin & Son 656-7770 and Frank L. Steller 656-8195 Auctioneers

TUES. JAN 9 - 10 A.M. Bred Gilt Sale at the Pennsylvania Farm Show, Harrisburg, PA, by the Pennsylvania Yorkshire Club

FRI JAN. 12 - Forty Ninth Sale - Brooks End and Par-Kay Farm Held at the Farm in Beavertown, PA Selling Gilts and Boars Reno & Park Thomas and Mark Stehr Owners Dan Baker Auctioneer

SAT JAN 13 - 10:30 A.M. Public Sale of Valuable Apartment House, Household Goods and Coins Located on Rt 23 at 173 E. Main St., Leola, in Bareville, Lancaster Co., PA Terms by Emma R. Hilton Robert E. Martin & Son 656-7770 and Frank L. Steller 656-8195 Auctioneers

SAT JAN 13 - 12 Noon Public Sale of Farm Machinery. Located along 422 West of Myerstown near the airport Owner Harry Umbenhower Auctioneers George E. Stone, Jr & John D. Kilmer

WED JAN. 17 - 9:30 A.M. Consignment Sale of Tractors, Farm Machinery, Horse Drawn Implements, New Tools and Hardware by David H. Good, located 1/2 mile North of Route

23 on North Maple Ave., in Leola, Lancaster Co., Pa Watch for sale signs F. Snyder, R. Martin, C. Wolgemuth, J. Fry, and L. Horst, Auctioneers

WED JAN. 17 - Amos King Dispersal of Cattle, Horses & Equipment Located 2 miles Northeast of Shippensburg, Pa. Ralph W. Horst, Marion, Pa Manager & Auctioneer.

FRI JAN 19 - 10 A.M. Public Sale at the New Holland Sales Stables. Consignment Sale of Horses & Mules for Paul S. Waltermeyer

MON JAN 29 - 10 A.M. Public Auction of New and Used Equipment by Agricultural Industrial Equipment Co., Rt 273 Rising Sun, Md

FEBRUARY

THURS FEB 8 - Horst's Machinery Sale at Marion, Pa

SAT FEB 10 - Public Auction of Farm Equipment and Dairy Cattle by Roy and Margaret Bollinger Location Take Route 322 West from Ephrata, after passing Twin Pine Sales,

turn South onto Wissler Road, follow Wissler Road to Middle Creek Road, turn left onto Middle Creek Road to Lime Rock Road, turn right to properties John E. and Paul E. Martin Auctioneers.

SAT FEB. 17 - Feeder Pig Sale by Walter M. Horst located between Womelsdorf and Myerstown along Route 422 At Stouchsburg, take Scharff Road South 1 mile to third farm on left, 1/2 mile North of Sheridan Furnace, Marion Township, Berks County, Pa John E. & Paul E. Martin, Auctioneers

FEBRUARY

THURS FEB 22 - 9:30 A.M. Public Sale, Full Line of Farm Machinery, 4 Pair Sorrel Mules, 18 - Holstein Heifers, Home Raised Located 2 miles Northwest of Whitehorse, Lanc Co, Pa Terms by Christ & Sarah Beiler Auctioneer Steve Petersheim, 215-869-2508

THURS FEB 22 - 10 A.M. Public Sale of Gilts, Farm

BROOKS END AND PAR-KAY FARM FORTY NINTH SALE 1978 WINTER OFFERING FRIDAY, JANUARY 12, 1979 1:00 P.M.

At the Farm • Beavertown, Pa.

225 head of IRISH and other foreign bloodlines on this sale.

YORKSHIRE-LANDRACE

Born and raised on our farms from our parent imported stock.

75 ★ Bred gilts - all carry Irish or Foreign Blood Litters.

35 YORKSHIRE - 50-100% Irish.

40 LANDRACE - All carry Irish or Foreign Blood Litters.

50 ★ BOARS

30 YORKSHIRE - American Bloodlines as well as Irish.

20 LANDRACE - all 100% IRISH or other foreign blood.

15 ★ LANDRACE - Open gilts all 100% Irish or other foreign blood.

★ 100 Commercial Open Gilts - Mostly Irish blood.

Scan-O-Probe Loin Eye & Back fat figures. Production tested - Certified Meat Proven & Show-Ring Champion Stock. Certified brucellosis free & pseudorabies negative test. Our herds are PA tested pseudorabies free. Health charts sale day for entry into any state.

4 big production test wins in 1978 top indexing Yorkshire, Pen of boars, PA test station feed conversion 2.55, rate of gain 2.52.

Top indexing Pen of boars, Del. test station feed conversion 2.24 rate of gain 2.44.

Second high indexing Pen over all breeds Del. test station Landrace feed conversion 2.48 rate of gain 2.05.

Ohio production barrow show we had both champion and reserve champion on foot winners. They were York, Landrace crossbred barrows.

Owners:

Reno & Park Thomas & Mark Stehr

RENO PARK MARK
717-658-5821 717-658-6544 717-658-7007
717-658-7304 717-658-6702

Catalogs Available

Dan Baker
Lafayette, Ind. - Auct.



IRISH BOARS and GILTS of this great Dam will sell. Greenback 3044, one of our foundation Irish Yorkshire sows

Equipment and Household Goods Located 4 miles West of Ephrata, turn off Rt 322 on Whistler Rd., 1 mile to Middle Creek Rd., first farm right. Isaac Z. Martin Owner Robert E. Martin & Son 656-7770 and

Frank L. Steller 656-8195 Auctioneers

FRI FEB 23 - Bred Gilts, Open Gilts and Boars Held at the Lebanon Fairgrounds, Lebanon, PA Sale by Leon, Lawrence and Thomas Arnold

BANKRUPTCY/ SECURED PARTY AUCTION SALE LATE MODEL FARM EQUIPMENT DUMP TRUCKS, DUMP TRAILERS, SHOP & OFFICE EQUIPMENT, PARTS & SUPPLIES TUESDAY, DECEMBER 19

9:00 A.M.

MACUNGIE/ALLENTOWN, PA

NOTICE: The sale will be held for Schoeneck Farms, Inc. pursuant to a reorganization plan and is subject to the approval of the District Court for the Eastern District of Pennsylvania Cause No. 78-682TT. The decision for the sales confirmation will be made by 2 P.M. on sale day.

LOCATION: The sale will be held at Schoeneck Farms at the intersection of Schoeneck Rd. and Alburtis Rd. about 2 miles North of Macungie, Pa., just West of Rt. 100 about 2 miles South of Trexliertown, Pa., about 6 miles Southwest of Allentown, Pa.

FARM EQUIPMENT

Subject to Court Approval

Farmall 856 diesel tractor s/n 26205, wide front; Farmall 856 diesel tractor s/n 19943, wide front; Farmall 806 tractor s/n 8611, wide front; Farmall 806 tractor s/n 2060, wide front; Farmall 806 tractor s/n 2065; Farmall 706 Tractor s/n 42895, wide front; Farmall 706 tractor s/n 31961; Farmall 560 tractor s/n 35796, wide front; Farmall 560 tractor s/n 917; Farmall 460 tractor s/n 6503; Farmall 460 tractor s/n 3377; Farmall 400 s/n 29517, wide front; Farmall 400 tractor s/n 15224; Farmall Super M tractor s/n 50543; Farmall M tractor s/n 33414; Farmall H tractor s/n 13165, with Kosch mower; (3) IH 700 auto reset 6B plows; (2) IH 500 12' discs; IH 475 18' wing disc; (3) IH 37 discs; IH 370 discs; IH 51 12' offset disc; IH 46 disc; IH 315 14' cultimulcher; (5) JD 10' cultimulchers; (2) Brillion 16' wheel harrows; IH 20' hyd. fold spring harrow; (2) IH 663 cultivators; Lilliston 6R rolling cultivators; Brillion 9' packer-seeder; (2) Brillion 12' seeders; Brillion 10' seeder; (2) mechanical transplanters - 3 row; IH 58 corn planter 8R; (2) IH 58 corn planters 6R; IH 10 grain drill; IH 8' grain drill; (8) Lowe harvesters (5 for parts); IH 715 combine with IH 810 grain table; M-M 4296 combine, grain table and 4x30 corn head; M-M 3496 combine - grain table; M-M 3x30 corn head; New Idea 702/729A/728 tractor sheller head; New Idea 702/729/725 tractor sheller head; IH 35 roto bar rake; Bear Cat 72A flail chopper; IH 40 stalk chopper; (2) IH 115 Mowers; Vicon 540 5' mower; IH 225 hayswather; IH 435T baler; Melroe 9' windrow pickup; JD roto bar rake; Cherokee 1051B balelo'd'r; pumpkin windrower; porter way PK pumpkin harvester; (2) Walden WHBS hitches; Ripco grain blower; Myers mity-mist sprayer; (4) Mayrath augers; (2) Parker gravity bins; (2) John Blue 1,000 gal. sprayers; John Blue 300 gal. Sprayer; IHC TD-6 dozer; 7 section rotary hoe; hopper fertilizer spreader; tomato baskets; M-C grain cleaner; Barnlett concrete mixer.

TRUCKS, TRAILERS

(4) 1970 Ford L800 S/A dump 16' stakes; (2) 1970 GMC 7500 dump stakes; (6) 1965 Chev. C-60 dump stakes; 1974 Ford pickup; 1973 IHC service truck; (2) 1970 IHC pickups; (3) Parker 26' T/A alum. dump trailers; snow plows; 5th Wheel Dollies; Galvanized pipe.

SHOP & OFFICE EQUIPMENT

(See later listing)

and many other items: tires, shelving, and parts.

SUBJECT TO IH CREDIT CORPORATION APPROVAL:

IH hydro 100 tractor s/n 1126; IH 4166 tractor s/n 12081; IH 4366 tractor s/n 10626; IH 4366 tractor s/n 10296; IH 3300B skid loader s/n 100703; IH 1250 cub cadet; JD 350 hyd. dozer s/n 687185 (PARTS); IH 800 12 bottom plow; IH 800 10 bottom plow; IH 720 6 bottom plow; IH 55 chisel plow; IH 485 19' disc; (2) IH 500 discs; IH 915 combine; IH 843 corn head; (3) Field Queen harvesters s/n C619E, s/n C509, s/n C508; IH 440 baler; IH 400 Cyclo 8R planter; IH 400 planter.

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Sale to start promptly at
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50 HEAD 50

(More or Less)

2 x 3 way cross bred gilts,
York & Hampshire & Duroc.

This sale consisting of 25-3 way cross bred gilts (parent stock, Wayne Better Bilt Gilts that came in out of the West) York & Hampshire & Duroc cross. These gilts are sired by purebred duroc, bred to purebred York. Looking for Better Stock? Need replacements & adding on or just starting in? Here is an opportunity to buy Better Bilt Gilts (acclimated) due to farrow from 3 days to 3 weeks after sale date. These gilts have size & quality to suit most any buyer. If you are in need of bred gilts plan to attend this sale. They'll be ready, some will be close.

Owner

CHRIST A. BEILER

R.D. 2

Quarryville, Pa.

Same time & place, 25 head (more or less) 2 & 3 way cross. Direct offspring from gilts purchased from Mark Nestleroth well known hog breeder from Manheim & a few from Willow Glen. These gilts are sired by purebred duroc also from Nestleroth stock and bred to purebred Hampshire from Franklin Feaser, Md. Due to farrow from 3 days to 3 or 4 weeks after sale date.

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Owner

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Public Sales Register

Lancaster Farming, Saturday, December 16, 1978-127



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Auctioneer's Directory

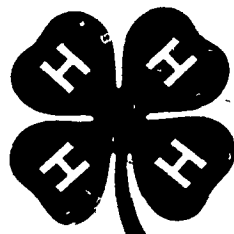


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FEB 24 - Public Auction Real Estate consisting of 4 acels, 1/107 acre farm, 6.9 acre tract, 3/63 acre tract and 4/1 acre tract of land at Route 22 at East end of dericksburg Sale for Jacob Perffer Estate John E. and J. E. Martin, Auctioneers

FEB 24 - 1 P.M. Public Sale of 60 bred gilts, 40 open s and 25 boars. Held at the m 4290 Bridge St., Whithall, Lehigh Co. - Calvin H.

Lazarus & Sons, Owners, Terry Bennecoff and Son and Harlan Wessner, Guest consigners, Ralph Zettlemoyer, Auctioneer.

WED. FEB. 28 - Ronald Group Machinery Dispersal near Marion, Pa Ralph W. Horst, Auctioneer

MARCH

FRI. MAR. 2 - 9:30 A.M. Annual Spring Machinery Sale. All

kinds of Machinery Located at the Belleville Livestock Market, Belleville, Pa. Consignments must be in prior to sale day. Belleville Livestock Market Manager Glick & Gibboney Auctioneers

FRI MAR 2 - Ray Hostetter & Karl Kough Dispersal of Farm Equipment along Rt 641 3 miles Southwest of Newville, Pa Ralph Horst Auctioneer

SAT MAR. 3 - 9 A.M. 15th Annual All Day Sale at Bart Township Fire Company, Bart, Pa. Located 6 miles Southeast of Strasburg along Rt 896 in Georgetown, Pa, Lanc. Co

SAT. MAR. 3 - Public Auction of Farm Equipment, Household Goods and Antiques for Moses S. and Edna M Garman located at Rt 501, just North of Schaefferstown, Pa. John E and Paul E Martin, Auctioneers

SAT MAR 3 - Galen Pugh Dispersal of Farm Machinery Located 3 miles Northwest of Shippensburg at Middle Spring Ralph W Horst Auctioneer

MON MAR 5 - Public Auction of Farm Equipment by Aaron W Hoover located Northwest of Ephrata. John E and Paul E Martin, Auctioneers

TUES MAR 6 - Holstein Dispersal for Paul Frey, 4 miles East of Chambersburg Ralph W. Horst Manager & Auctioneer

THURS MAR. 8 - Farm Equipment Dispersal for Roy Lehman Located off Rt 11 midway between Chambersburg & Shippensburg Ralph Horst & Kenneth Upperman, Auctioneers

FRI MAR 9 - 9:30 A.M. Public Sale of Farm Implements and Antiques Located 2 miles North of Martindale, just off Grist Mill Rd., 1/2 mile West of Grist Mill, turn left on first road after Grist Mill, second farm Lancaster Co, PA. Sale by Paul Martin LeRoy S. Horst and Paul W. Horst Auctioneers.

SAT MAR. 10 - Public Sale of Livestock, Farm Machinery and Household Goods Located along the road leading from Bergstrauss and Hahnstown, PA Ivan M & Martha Martin Owners Frank and Paul Snyder Auctioneers

SAT MAR 10 - Farm Equipment Dispersal for George & Charlotte Smith. Located near Upper Strasburg, Pa Ralph W. Horst, Auctioneer

MON. MAR 12 - Public Auction of Farm Equipment, and a few household items by Joseph S and Edna H Garman located just North of Rothsville, Pa. John E and Paul E. Martin, Auctioneers

TUES MAR 13 - Farm Machinery Sale Located on the farm 1 mile West of Ephrata on Rt 322, turn right onto Weidmansville Rd, 1 mile to Sunnyside Rd, turn right to farm on right Sale by Nelson E & Mary Martin. Kline Auction Service

TUES MAR 13 - Farm Equipment & Herfer Sale for James Bower Located off Rt 11, 5 miles South of Chambersburg Ralph Horst & Art Kling, Auctioneers

WED MAR 14 - Farm Equipment Dispersal for Paul Frey Located 4 miles East of Chambersburg, Pa Ralph W Horst, Auctioneer

SAT MAR 17 - Public Auction of Farm Equipment by Harold B and Wanda H Hess located North of Lititz at 1615 Brunnerville Rd John E and Paul E Martin, Auctioneer

SAT MAR 17 - Annual Sale of Farm Equipment for Saxby Imp Corp at Mendon, NY Ralph W Horst & Blaine Rentzel, Auctioneers

MON MAR 19 - M M Weaver & Sons, Inc Annual Public Auction of New and Used Farm Equipment located at North Groffdale Road, Leola, Pa. John E and Paul E Martin, Auctioneer

THURS. MAR 22 - Complete Registered Dairy Dispersal. Located on the farm 1 mile West of Ephrata on Rt 322, turn right onto Weidmansville Rd, 1 mile to Sunnyside Rd, turn right to farm on right Sale by Nelson E & Mary Martin Kline Auction Service

THURS & FRI MAR 22 & 23 - Horst Farm Equipment Sale at Marion, Pa

SAT MAR 31 - 11 A.M. Atglen Fire Co Sale at the Atglen Fire House, Atglen PA, Chester Co John Umblor and Leon Kurtz Auctioneers

APRIL

SAT APR 28 - 13th Colonial Charolais Spring Sale Located Farmers Livestock Exchange, Boonsboro, MD Managed by Buzz Garey, 100 Walnut Ln., Morrisville, Pa

FARMERSVILLE AUCTION

TUESDAY, DECEMBER 19, 1978

6:00 P.M.

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MONDAY,
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80 TRACTORS

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A.C. 7000, 180, C

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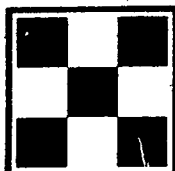
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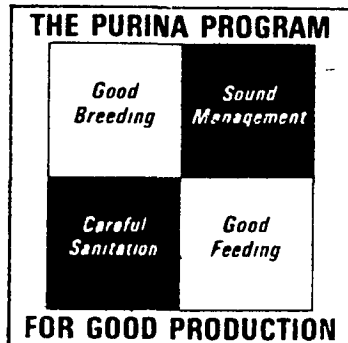
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